

July 25, 2007

State of Utah Division of Oil, Gas & Mining PO Box 145801 Salt Lake City UT 84114-5801

RE: Directional Drilling R649-3-11

UP&L 16-7-36-24D:

1258' FSL x 2390' FEL (surface) 800' FSL x 2100' FWL (bottomhole) Sec 36, T16S, R7E, SLB&M, Emery County, Utah

#### To Whom It May Concern:

Pursuant to the filing of XTO Energy Inc. Application of Permit to Drill regarding the above referenced well on July 25, 2007, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the Exception to Location and Siting of Wells.

- XTO Energy Inc. is permitting this well as a directional drill well in accordance with surface owner request. Due to the convoluted area, this location was agreed upon by the surface owner and XTO so that XTO might be able to reach its target location.
- Furthermore, the location of this well and its wellbore is no closer than 460 feet from the unit boundary or an uncommitted Federal or un-leased tract with the Unit Area. XTO Energy Inc. is the sole owner within 460 feet of the entire directional wellbore

Therefore, based on the above stated information XTO Energy Inc. requests the permit be granted pursuant to R649-3-11.

Regards,

Kyla-Vaughan

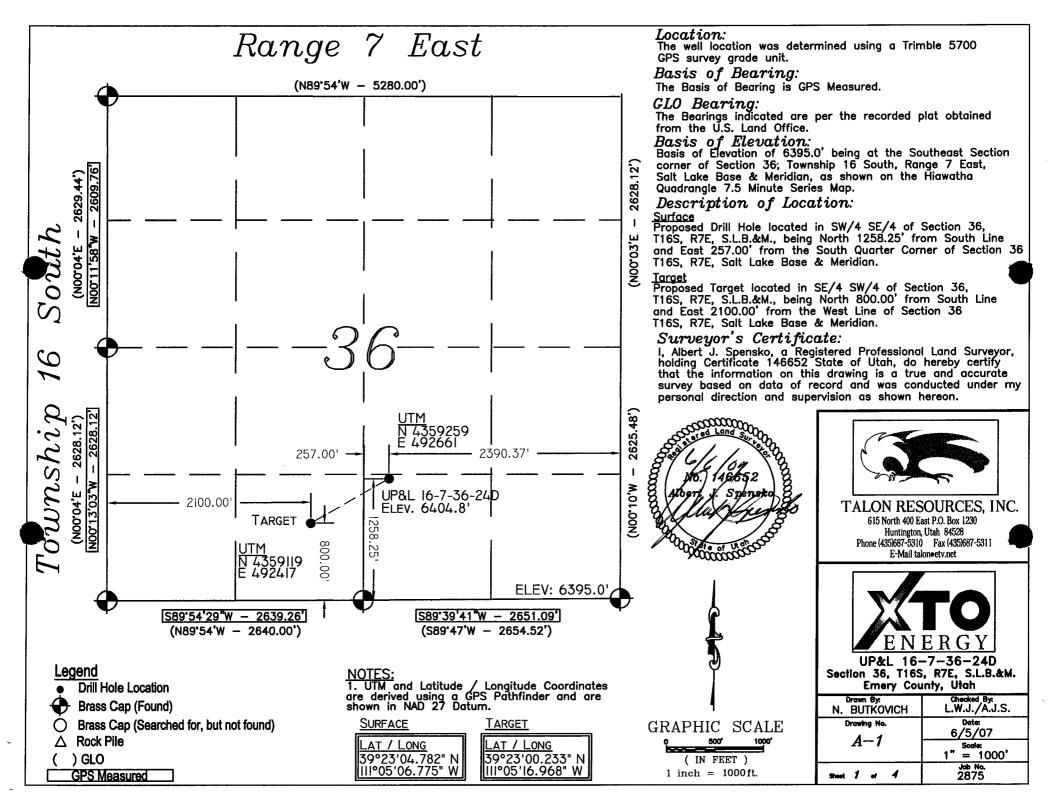
Regulatory Compliance

#### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT

							(highligh	t changes)	
	ı	APPLICATI	ION FOR F	ERMIT TO	DRILL	5. MINERA FEE	L LEASE NO:	6. SURFACE:	
1A. TYPE OF WO	rk: D	RILL 🗸 F	REENTER [	DEEPEN			N, ALLOTTEE OR 1		
		010[7]	Affire a per pip.			N/A 8. UNIT or	CA AGREEMENT N	AME:	
B. TYPE OF WE		GAS 🗾 C	THER	SIN	GLE ZONE MULTIPLE ZON	THE LIP	Hunting	ton CBM	
2. NAME OF OPE XTO Energ							AMByand NUMBER 16-7-36-24		
3. ADDRESS OF					PHONE NUMBER:	10. FIELD	AND POOL, OR WI		
	ngton Ave.	UIII		NM <sub>ZIP</sub> 874	401 (505) 324-1090		n Sandstone	1000	
AT SURFACE:	1256 L2F	X 2390' FEL			35-111.085294	MERIDI	AN:		
AT PROPOSED	PRODUCING ZOI	NE 800' FSL 59127 Y 3	x 2100' FWL 3 <i>9.38346</i>	X5W ///.	088108				
14. DISTANCE IN	MILES AND DIRE	CTION FROM NEAR	EST TOWN OR POS	OFFICE:		12. COUNT	r <del>y.</del>	13. STATE	
		les Northwes		trin entri i i i i i i i i i i i i i i i i i i		Emen		UTAH	
15. DISTANCE TO 55'	NEAREST PROF	PERTY OR LEASE LI	NE (FEET)	16. NUMBER O	FACRES IN LEASE: 80.00	17. NUMBER OF A	ACRES ASSIGNED	TO THIS WELL:	
18. DISTANCE TO	NEAREST WELL ON THIS LEASE	(DRILLING, COMPL	ETED, OR	19. PROPOSED		20. BOND DESCR	IPTION:		
none	U ON THIS LEASE	(reel)			4,390	UTB-0001	38		
		R DF, RT, GR, ETC.)	ţ		ATE DATE WORK WILL START:	23. ESTIMATED D	URATION:		
6405' Gro	und Elevati	on	····	10/10/20	007	2 weeks	2 weeks		
24.			PROPOSE	ED CASING A	ND CEMENTING PROGRAM				
SIZE OF HOLE	CASING SIZE,	GRADE, AND WEIGH	IT PER FOOT	SETTING DEPTH	CEMENT TYPE, QU	ANTITY, YIELD, AND	SLURRY WEIGHT		
14.75	11.75	H-40	42#	300	Type V	+/- 162 sx	1.61 ft3/sx	14.2 ppg	
8.75"	5.5"	J-55	15.5#	4,390	CBM light wt - lead	+/- 73 sx	4.15 ft3/sx	10.5 ppg	
					CBM light wt - tail	+/- 155 sx	1.81 ft3/sx	13.5 ppg	
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		<del> </del>					<del></del>		
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							**************************************	The state of the s	
25.					CHMENTS				
VERGET INC. POL	LLAWING ARE AT	FACHED IN ACCORD	NANCE WITH THE UT	AH OIL AND GAS C	ONSERVATION GENERAL RULES:				
WELL PL	AT OR MAP PREP	ARED BY LICENSED	SURVEYOR OR EN	GINEER	COMPLETE DRILLING PLAN				
Z EVIDENC	E OF DIVISION O	F WATER RIGHTS A	PPROVAL FOR USE	OF WATER	FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER				
MANUE OF THOSE	Kvia V	'aughan <sub>A</sub>			TITLE Regulatory Co	molianca Ta	oh.		
NAME (PLEASE)	100	Vaug	100	<del></del>		inphanos re		and the first and the second consequence of the first second consequence of the second consequen	
SIGNATURE	ivator	Vauge	Wγ		DATE 7/25/2007				
This space for Sta	to use only)	$\circ$			Approved by the				
	i	112 = -	600-1		Utah Division of I, Gas and Mining				
API NUMBER ASS	SIGNED:	13-015-	30129		APPROVAL:	RF	CEIVE		
				<u> </u>		į			
11/2001)				Date:	09-11-07	AUG	0 2007		
				By:	P WINDU	חוע סר סיי			
				~y	Margine	DIV. OF O	L, GAS & MIN	IING	



## Application for Permit to Drill Surface Use Plan

Company:

XTO Energy, Inc

Well No:

UP&L 16-7-36-24D

Location:

1258' FSL & 2390' FEL, Section 36, T16S, R7E

#### Thirteen Point Surface Use Plan

The dirt contractor will be provided an approved copy of the surface use plan of operations before starting construction.

#### 1. Existing Roads

- a. Proposed route to location: The proposed route to location is shown on Exhibit "A" and is from the Hiawatha Quadrangle 7.5 minute series USGS quadrangle map.
- b. Location of proposed well in relation to town or other reference point: From Huntington, Utah go West on Hwy 31 for 7.6 miles. Turn left on Deer Creek Mine Road and go South for 0.2 miles. Turn right on existing scale road. Well location is within the loop road.
- c. Contact the County Road Department for use of County Roads: No county road permits should be required.
- d. Plans for improvement and/or maintenance of existing roads: All existing roads within 1 mile of the drill site are shown on Exhibit "B". All roads that will be used to the well location will be maintained to their current conditions are better.
- e. Other Comments: None

#### 2. Planned Access Roads

- a. Location of Access Road: Starting from a point along an existing road in the SE/4 of Section 36, T16S, R7E.
- b. Length of New Road: 170' of road will need to be constructed to access this location. See Exhibit "C".
- c. Length of Existing Road to Upgrade: No existing roads should need upgrades to access this location.
- d. Maximum Disturbed Width: Typically new access roads require up to 60' of disturbed width which includes ROW for gas and water pipe lines and electric service.
- e. Travel Width of Access Road: 25' or less.

- f. Maximum Grade after Construction: Maximum grades will not exceed 10% after construction.
- g. Turnouts Planned: No Turnouts are planned at this time.
- h. Surface Materials: Only native materials will be used if additional construction is required. If necessary, gravel or rock maybe purchased and used to improve road conditions and travel.
- i. Drainage (crowning, ditching, culverts, etc.): Roads will be re-crowned and bar ditches, if necessary, will be located on either side. 18"-24" culverts will be installed as necessary.
- j. Cattle Guards: No cattle guards are planned at this time. If necessary, cattle guards will be specified in the stipulations.
- k. Length of new and/or existing roads which lie outside the lease or unit boundary for which a BLM/State/Fee right of way is required: None.

#### I. Other:

- Surface disturbance and vehicular travel will be limited to the approved location and access road. Any additional area needed must be approved by the State of Utah in Advance.
- ii. If a right-of-way is necessary, no surface disturbing activities shall take place on the subject right-of-way until the associated APD is approved. The holder will adhere to conditions of approval in the Surface Use Program of the approved APD, relevant to any right-of-way facilities.
- iii. If a right-of-way is secured, boundary adjustments in the lease or unit shall automatically amend this right-of-way to include that portion of the facility no longer contained within the lease or unit. In the event of an automatic amendment to this right-of-way grant, the prior on-lease/unit conditions of approval of this facility will not be affected even though they would now apply to facilities outside of the lease/unit as a result of the boundary adjustment. Rental fees, if appropriate, shall be recalculated based on the conditions of this grant and the regulations in effect at the time of an automatic amendment.
- iv. If at any time the facilities located on public lands authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change) the State of Utah will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental, or other financial obligations determined by the State of Utah.
- v. If the well is not productive, the access road wil be rehabilitated or brought to Resource (Class III) Road Standards within 60 days of dismantling the rig. If

upgraded, the access road must be maintained at these standards until the well is properly abandoned. If this time frame cannot be met, the Field Office Manager will be notified so that temporary drainage control can be installed along the access road.

#### 3. Location of Existing Wells:

a. On a map, show the location of all water, injection, disposal, producing and drilling wells within a one mile radius of the proposed well, and describe the status of each: See Exhibit "B".

#### 4. Location of Production Facilities:

- a. On-Site facilities: Typical on-site facilities will consist of a wellhead, gas flow line, water flow line, artificial lifting system (pumping unit), 2 phase separator, gas measurement, water measurement, electronics, a heated enclosure/building for weather and environmental protection and chemical injection equipment (as required). All production and measurement shall conform to the provisions of 43 CFR § 3162.7 and Onshore Oil and Gas Order No. 4, if applicable.
- b. All permanent (in place for six months or longer) structures constructed or installed on the well site location will be painted a flat, non reflective color to match the standard environmental colors, as specified by the COA's in the APD. All facilities will be painted within six months of installation. Facilities required complying with the Occupational Safety and Health Act (OSHA) may be excluded.
- Off-site facilities: Off-site facilities are located at the CDP station and include compression, processing, separation, tanks, pits, electronics, and produced water disposal (SWD) well.
- d. Pipelines: The well will be produced into gas and water pipelines (sizes to be determined) and transported to existing pipelines. See Exhibit "C" for the proposed pipeline route.
- e. Power lines: Power lines are located underground in the same ROW as the water and gas pipelines.

#### 5. Location and Type of Water Supply:

- a. All water required for drilling will be purchased from local municipal water supply. If possible, currently produced coal well water may also be used after receiving any necessary permits. Water will be trucked to location by a third party trucking company who specializes in water hauling.
- b. Water obtained on private land, or land administered by another agency, will require approval from the owner or agency for use of land.

#### 6. Source of Construction Material:

c. Materials obtained from the construction of the location, like topsoil and vegetation will be stock piled as indicated and permitted by the approved APD. The stock piles themselves may be outside the approved boundaries of the well pad.

#### 10. Plans for Restoration of the Surface:

- a. The top 6 inches of topsoil material will be removed from the location and stockpiled separately on Adjacent Land or as specified by the approved APD.
- b. Topsoil along the access road will be reserved in place adjacent to the road.
- c. Within 30-45 days after completion of well, all equipment that is not necessary for production shall be removed.
- d. The reserve pit and that portion of the location not needed for production will be reclaimed 90-120 days after completion of the well.
- e. Before any dirt work to restore the location takes place, the reserve pit must be ready for burial.
- f. All road surfacing will be removed prior to the rehabilitation of roads.
- g. Reclaimed roads will have the berms and cuts reduced and will be closed to vehicle use.
- h. All disturbed areas will be re-contoured to replicate the natural slope.
- i. The stockpiled topsoil will be evenly distributed over the disturbed area.
- j. Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.
- k. Seed will broadcast or drilled between September and November, or at a time specified by the BLM and or state. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.
- l. The following seed mixture will be used: As specified conditions of approval.
- m. If necessary, and abandonment marker will be one of the following, as specified by the State of Utah:
  - i. At least four feet above ground level,
  - ii. At restored ground level, or
  - iii. Below ground level.
  - iv. In any case the marker shall be inscribed with the following: operator name, lease number, well name and description (township, section, range, and either quarter-quarter or footages).
- n. Additional requirements: None

- a. Pad construction material will be obtained from (if the source is Federally owned, show location on a map): All construction material will be purchased from private land owners or from a commercial gravel/materials pit. The use of materials will conform to 43 CFR § 3610.2-3, if applicable.
- b. The use of materials under State of Utah jurisdiction will conform to 43CFR § 3610.2-3, if applicable.

#### 7. Methods of Handling Waste Disposal:

- a. Describe the methods and locations proposed for safe containment and disposal of waste material, e.g. cuttings, produced water, garbage, sewage, chemicals, etc. The reserve pit will be located along the edge and within the boundaries of the designated well pad. The walls of the pit will be sloped at no greater than 2 to 1 and will be lined with a synthetic material of approximately 12 mills in thickness. The reserve pit shall be located in cut material, with at least 50% of the pit volume being below original ground level. Three sides of the pit will be fenced before drilling starts. The forth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. The amount of time the pit way remain open will typically be specified by the COA's. Once dry, the liner will be cut and removed at the mud line and the pit will be covered and buried in place.
- b. Trash must be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than the completion of drilling operations.
- c. Sewage from trailers and chemical portable toilets will be removed on a regular basis by a third party contractor and disposed of at an authorized sanitary waste facility.
- d. Any and all chemicals used during the drilling and completion of the well will be kept to a minimum and stored within the boundaries of the well pad. The third party chemical contractor will be responsible for containment and clean-up and removal of all spilled chemicals on location.

#### 8. Ancillary Facilities:

a. No ancillary facilities will be required during the drilling or completion of the well.

#### 9. Well Site Layout:

- a. Depict the pit, rig, cut and fill, topsoil, etc. on a plat with a scale of at least 1"=50'. See Exhibit "D" & "E".
- b. All equipment and vehicles that will be used to drill and complete this well will remain within the boundaries of the approved well pad. Any equipment and or vehicles parked or stored off the location will be considered trespassing on federal lands and will NOT be tolerated.

#### 11. Surface and Mineral Ownership:

The Surface and minerals are owned by UP&L, PacificCorp d/b/a Utah Power & Light Company, 1407 West North Temple, Suite 110, Salt Lake City, UT 84116. See attached Surface Use Agreement. See Exhibit "F".

#### 12. Other Information:

- a. Archeological Concerns: An approved contractor will submit the appropriate reports to the agency as required. Special stipulations will be included in the COA's of the approved APD.
- b. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the State of Utah Field Office. Within five (5) working days, the State of Utah will inform the operator as to:
  - i. Weather the materials appear eligible for the National Register of Historic Places;
  - ii. The mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
  - iii. A time frame for the State of Utah to complete an expedited review under 36 CFR § 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the State of Utah are correct and that mitigation is appropriate.
- c. If the operator wishes, at any time, to relocate activities to avoid the expenses of mitigation and/or the delays associated with this process, the State will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The State of Utah will provide technical and procedural guidelines for the conduct of mitigation. Upon Verification from the State of Utah that the required mitigation has been completed, the operator will then be allowed to resume construction.
- d. Threatened and Endangered Species Concerns:
  - i. An approved contractor will submit the appropriate reports as required. Special Stipulations will be included in the COA's of the approved APD.
- e. Wildlife Seasonal Restrictions: Current wildlife restrictions and closure dates are specified in the BLM's Environment Impact Statement.
- 13. The Drilling Program is attached: See Exhibit "G".

UP&L 16-7-36-24D Drilling Data for APD July 27, 2007

Surface Location:

1258' FSL & 2390' FEL, Sec. 36, T16S, R7E Bottomhole Location: 800' FSL x 2100' FWL, Sec 36, T16S, R7E

Proposed TD: 4390'

Objective: Ferron Coal KB Elevation: 6417'

Approximate Elevation: 6405'

#### 1. Mud Program:

Interval	0'-300'	300'-4390'
Hole Size	14.75"	8.75"
Mud Type	Fresh Water/Spud Mud	Air/LSND/Gel Chemical
Weight	N/A	8.4-8.6
Viscosity	N/A	45-60
Water Loss	N/A	8-10

- a. Drill surface with Fresh Water/Spud Mud. If aeration becomes necessary, nipple up 20" rotating head.
- b. Air drill to TD using produced water for mist fluid unless excessive water flow (more than can be lifted using available booster capacity) is encountered.
  - i. If the water flow is fresh, switch to fresh water based LSND/Gel Chemical
  - ii. If the water flow is R<sub>w</sub>>0.35 mix mud using produced water.
  - iii. If mud is required, use fibrous materials as needed to control seepage and lost circulation. Pump high viscosity sweeps as needed for hole cleaning. Raise viscosity at TD for logging. Reduce viscosity after logging for cementing.
- c. The blooie line will be approximately 100' in length and will extend in a straight line from below the rotating head as indicated in the BOP schematic. An automatic spark-type igniter will be fixed to the end of the blooie line and set to provide a continuous spark to ignite and burn any produced hydrocarbons and/or gasses.
- d. If necessary, de-dusting will be accomplished with a small pump, waterline, and spray nipple positioned near the end of the blooie line to provide a continuous spray of water.

EXHIBIT G

- e. Sufficient mud materials will be stored on location to maintain well control and combat lost circulation problems that might reasonably be expected.
- f. The BOP system will be consistent with API RP53 and Onshore Oil & Gas Order No. 2. Pressure tests of the surface casing and all BOP equipment subject to pressure will be conducted before drilling the casing shoe. Blowout preventer controls will be installed prior to drilling the surface casing shoe and will remain in use until the well is completed or abandoned. Ram preventers shall be inspected and operated daily. Annular preventers shall be inspected an operated weekly to ensure good mechanical working order. The inspections and tests shall be recorded in the drilling log and daily drilling report. See the attached BOP and choke manifold schematic.

#### 2. Casing Program:

a. Surface Casing set @ 300' in a 14.75" hole.

11.75,42 #/ft, H-40, ST&C, New, (11.084" ID, 10.928" Drift)								
Collapse	Burst	Joint	SF	SF Burst	SF			
Press	Press	Strength	Collapse		Tension			
1070	1980	307	7.980	14.760	24.370			

b. Production Casing set @ 4390' in a 8.75" hole.

5.5", 15.5 #/ft, J-55, ST&C, New, (4.950" I.D., 4.825" Drift)									
Collapse	Burst	Joint	SF	SF Burst	SF				
Press	Press	Strength	Collapse		Tension				
4040	4810	202	2.060	2.450	2.970				

Safety Factors based on vertical wellbore conditions with hydrostatic of fresh water with no backup used to calculate burst and collapse. Tension based on hanging weight in air.

#### 3. Well Heads:

- a. Casing Head: Larkin Fig 92 (or equivalent), 13-3/8" nominal, 3,000 psig WP (6,000 psig test) with 11-3/4" 8rnd thread on bottom and 13-3/8" Flange. NU BOP and choke manifold (see attached schematic). Stack to consist of drilling spool with choke and kill lines, double rams with pipe rams on top, blind rams on bottom. Use cold water and test BOP to 250 psi low and 1,000 psi high. Record all tests on the IADC report. Inspect accumulator and closing unit to ensure that pre-charge pressures and oil levels are within API Specifications and report same on IADC report.
- b. Tubing Head: Larkin Fig 612 (or equivalent), 5,000 psig WP (5,000 psig test), 5 ½" SOW (or API 8 rnd female thread) on bottom, 7  $^{1}/_{16}$ " 5,000 psig flange on top with two 3" LPOs.



#### 4. Cement Program:

- a. Surface: 162 sx of Type V cement (or equivalent) containing 1% CaCl, ¼ pps Flocele, and 10% Cal\_Seal mixed at 14.2 ppg and 1.61 ft<sup>3</sup>/sk.
  - i. Slurry Volume is 130 ft<sup>3</sup>, 200% excess of calculated annular volume to 300'.

#### b. Production:

- i. The production casing will be cemented using 2 (lead and tail) cement slurries. The lead cement (filler grade) volume will be calculated based on a maximum achievable top assuming formation pressure of 1,000 psi at the shoe. The tail cement will be calculated from TD to 300' above the Upper Ferron Sandstone as indicated on the formation tops table.
- ii. Lead Cement: 73 sx of CBM Light Weight Cement with 10 pps Gilsonite and ¼ pps celloflake mixed at 10.5 ppg and 4.15 ft<sup>3</sup>/sk.
- iii. Tail Cement: 155 sx of CBM Light Weight Cement with 10 pps Gilsonite and ½ pps celloflake mixed at 13.5 ppg and 1.81 ft<sup>3</sup>/sk.
- iv. Slurry volume is 581 ft<sup>3</sup>, 40% excess of calculated annular volume to 1,000 psi hydrostatic over formation pressure.
- v. If fresh water is encountered in the Emery Sandstone, a DV/ECP tool will be run 50' below the logged base of the Emery Sandstone and it will be attempted to circulate the filler grade cement as used in the lead to surface from above the ECP.

#### 5. Logging Program

- a. Mud logger: The mud logger will come on after surface pipe is set and will remain until TD. The mud will be logged in 10' intervals.
- b. Run Array Induction (if wet), compensated neutron, density, GR, caliper, SP (if wet), and Pe from TD to the bottom of the surface casing.

#### 6. Formation Tops:

Formation	Well Depth (MD)
Top of Upper Ferron SS	3916
Top of Coal Zone	3941



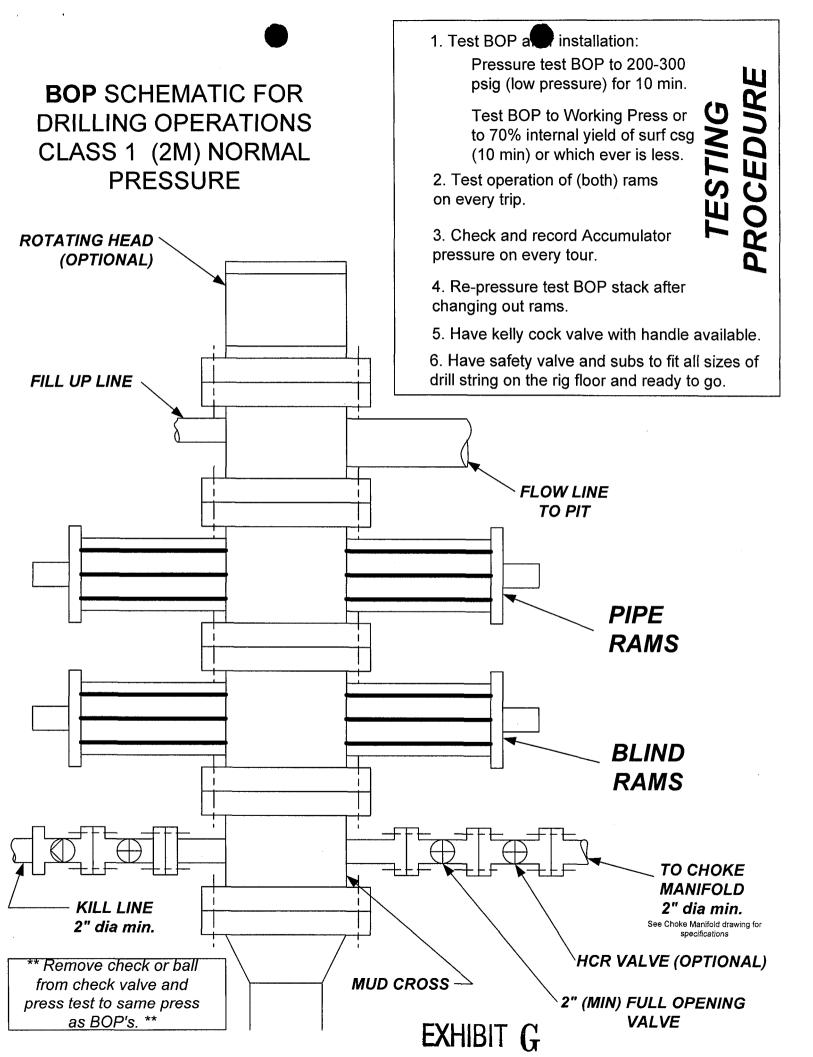
Top of Lower Ferron SS	4091
Total Depth	4390

- a. No known oil zones will be penetrated.
- b. Gas bearing sandstones and coals will be penetrated from 3916' to 4390'.
- c. No known fresh water zones will be penetrated. The gas bearing sandstones and coals may contain in-situ water.
- d. No known mineral zones will be penetrated.
- e. Any prospectively valuable minerals and all fresh water zones encountered during drill will be recorded, cased, and cemented (Please see contingency in cementing section). If possible, water flow rates will be measured and samples will be taken and analyzed with the results being submitted to the appropriate agency.
- f. Maximum anticipated bottomhole pressure is anticipated to be less than 1,500 psi.
- g. No abnormal pressure, abnormal temperature, H2S, or other hazardous conditions are known to exist.

#### 7. Company Personnel:

Name	Title	Office Phone	<b>Mobile Phone</b>
John Egelston	Drilling Engineer	505.564.6734	505.330.6902
Jerry Lacy	Drilling Superintendent	505.566.7914	505.320.6543
Joshua Stark	Project Geologist	817.885.2240	817.565.7158
Leonard West	Reservoir Engineer	817.885.2800	

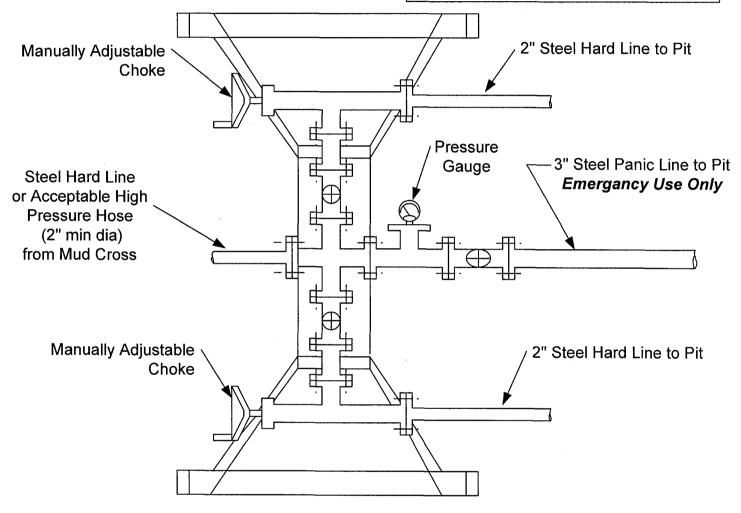


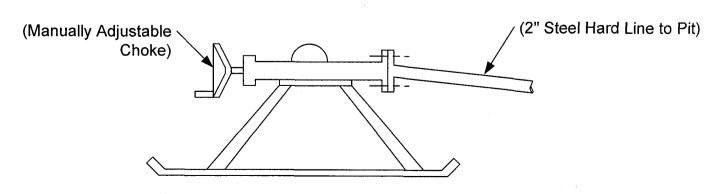


# CHOKE MANIFOLD SCHEMATIC FOR DRILLING OPERATIONS CLASS 1 (2M) NORMAL PRESSURE

- 1. Stake all lines from choke manifold to pit.
- 2. Pressure test choke manifold after installation.
- 3. Pressure test manifold at the same time with the BOP Stack. Test manifold to the same test pressures.

## TESTING PROCEDURE





### **XTO Energy**

Utah Wells UP&L 16-7-36-24D UP&L 16-7-36-24D UP&L 16-7-36-24D

**Plan: Permitted Wellbore** 

## **Standard Planning Report**

24 July, 2007

#### Planning Report

Database:

EDM 2003.14 Single User Db

Company: Project:

XTO Energy

Site: Well: Utah Wells UP&L 16-7-36-24D UP&L 16-7-36-24D

Wellbore: Design:

UP&L 16-7-36-24D

Permitted Wellbore

Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: **Survey Calculation Method:** 

Rig KB @ 6417.0ft (Frontier #1) Rig KB @ 6417.0ft (Frontier #1)

Well UP&L 16-7-36-24D

True

Minimum Curvature

Project Utah Wells, Emery Co. & Carbon Co., Utah, Ferron Coal Wells

Map System: Geo Datum: Map Zone:

US State Plane 1927 (Exact solution)

NAD 1927 (NADCON CONUS)

System Datum:

Mean Sea Level

Using Well Reference Point

Site

From:

UP&L 16-7-36-24D, T16S, T7E

Site Position:

Lat/Long

Utah South 4303

Northing:

990,084.55ft

Latitude:

39° 23' 4.782 N

111° 5' 6.775 W

**Position Uncertainty:** 

0.0 ft

Easting: Slot Radius: 2,117,286.53ft

Longitude:

**Grid Convergence:** 

0.25 °

Well Well Position UP&L 16-7-36-24D, S-Well to Ferron Coal/SS

+N/-S +E/-W

0.0 ft

Northing: Easting:

990,084.55 ft 2,117,286.53 ft Latitude:

39° 23' 4.782 N

**Position Uncertainty** 

0.0 ft 0.0 ft

Wellhead Elevation:

6,405.0 ft

Longitude: **Ground Level:**  111° 5' 6.775 W

52.151

6,405.0 ft

Wellbore

UP&L 16-7-36-24D

Permitted Wellbore

Magnetics

**Model Name** 

IGRF200510

Sample Date

Declination (°)

Dip Angle (°)

Field Strength

(nT)

7/24/2007 12.08

Design

**Audit Notes:** 

Version:

Phase:

**PROTOTYPE** 

Tie On Depth:

0.0

65.14

Vertical Section:

Depth From (TVD)

+N/-S

+E/-W

Direction

(ft) (ft) (ft) **(°)** 0.0 0.0 0.0 240.10 Plan Sections

Target
L 16-7-36-24D -
_

#### Planning Report

Database:

EDM 2003.14 Single User Db

Company: Project:

XTO Energy Utah Wells

Site: Well: Wellbore:

Design:

UP&L 16-7-36-24D UP&L 16-7-36-24D Permitted Wellbore

UP&L 16-7-36-24D

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

**Survey Calculation Method:** 

Well UP&L 16-7-36-24D

Rig KB @ 6417.0ft (Frontier #1) Rig KB @ 6417.0ft (Frontier #1)

True

Minimum Curvature

Survey									
Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Vertical Section	Dogleg Rate	Bulld Rate	Turn Rate
(ft)	(°)	<b>(°)</b>	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	
100.0	0.00						0.00	0.00	0.00
		0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
11 3/4"									
360.0	0.00	0.00	360.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.80	240.10	400.0	-0.1	-0.2	0.3	2.00	2.00	0.00
500.0	2.80	240.10	499.9	-1.7	-3.0	3.4	2.00	2.00	
600.0	4.80	240.10	599.7	-5.0	-8.7				0.00
700.0						10.0	2.00	2.00	0.00
800.0	6.80	240.10	699.2	-10.0	-17.5	20.2	2.00	2.00	0.00
800.0	8.80	240.10	798.3	-16.8	-29.2	33.7	2.00	2.00	0.00
900.0	10.80	240.10	896.8	-25.3	-44.0	50.7	2.00	2.00	0.00
1,000.0	12.80	240.10	994.7	-35.5	-61.7	71.2	2.00	2.00	0.00
1,100.0	14.80	240.10	1,091.8	-47.4	-82.4	95.0	2.00	2.00	0.00
1,200.0	16.80	240.10	1,188.0	-61.0	-106.0	122.3	2.00	2.00	0.00
1,300.0	18.80	240.10	1,283.2	-76.2	-132.5	152.8	2.00	2.00	0.00
1,400.0	20.80	240.10	1,377.3	-93.1					
1,500.0	22.80	240.10	1,377.3		-161.9 -104.0	186.7	2.00	2.00	0.00
1,600.0	24.80	240.10		-111.6	-194.0	223.8	2.00	2.00	0.00
			1,561.6	-131.7	-229.0	264.2	2.00	2.00	0.00
1,700.0	26.80	240.10	1,651.7	-153.4	-266.8	307.7	2.00	2.00	0.00
1,800.0	28.80	240.10	1,740.1	-176.6	-307.2	354.4	2.00	2.00	0.00
1,838.4	29.57	240.10	1,773.7	-186.0	-323.4	373.1	2.00	2.00	0.00
1,900.0	29.57	240.10	1,827.2	-201.1	-349.8	403.5	0.00	0.00	0.00
2,000.0	29.57	240.10	1,914.2	-225.7	-392.5	452.8	0.00	0.00	0.00
2,100.0	29.57	240.10	2,001.2	-250.3	-435.3	502.2	0.00	0.00	0.00
2,197.9	29.57	240.10	2,086.3	-274.4	-477.2	550.5	0.00	0.00	0.00
2,200.0	29.53	240.10	2,088.2	-274.9	-478.1	551.5	2.00	-2.00	0.00
2,300.0	27.53	240.10	2,176.0	-298.7	-519.5	599.3	2.00	-2.00 -2.00	0.00
2,400.0	25.53	240.10	2,265.5	-321.0	-519.5 -558.2	643.9			
2,500.0	23.53	240.10	2,356.5				2.00	-2.00	0.00
2,600.0				-341.7	-594.2	685.4	2.00	-2.00	0.00
	21.53	240.10	2,448.8	-360.8	-627.4	723.7	2.00	-2.00	0.00
2,700.0	19.53	240.10	2,542.5	-378.3	-657.8	758.8	2.00	-2.00	0.00
2,800.0	17.53	240.10	2,637.3	-394.1	-685.3	790.6	2.00	-2.00	0.00
2,900.0	15.53	240.10	2,733.1	-408.3	-710.0	819.0	2.00	-2.00	0.00
3,000.0	13.53	240.10	2,829.9	-420.8	-731.7	844.1	2.00	-2.00	0.00
3,100.0	11.53	240.10	2,927.6	-431.6	-750.5	865.8	2.00	-2.00	0.00
3,200.0	9.53	240.10	3,025.9	-440.7	-766.4	884.1	2.00	-2.00	0.00
3,300.0	7.53	240.10	3,124.8	-448.1	-779.2	898.9	2.00	-2.00	0.00
3,400.0	5.53	240.10	3,224.1	-453.8	-779.2 -789. <b>1</b>	910.3	2.00	-2.00 -2.00	
3,500.0	3.53	240.10	3,323.8	-457.7	-70 <del>3</del> .1 -795.9	918.1			0.00
3,600.0	1.53	240.10	3,423.7	-459.9	-795.9 -799.8	918.1	2.00	-2.00 2.00	0.00
							2.00	-2.00	0.00
3,676.3	0.00	0.00	3,500.0	-460.4	-800.6	923.6	2.00	-2.00	0.00
	6-24D - Reques								
3,700.0	0.00	0.00	3,523.7	-460.4	-800.6	923.6	0.00	0.00	0.00
3,800.0	0.00	0.00	3,623.7	-460.4	-800.6	923.6	0.00	0.00	0.00
3,900.0	0.00	0.00	3,723.7	-460.4	-800.6	923.6	0.00	0.00	0.00
3,916.3	0.00	0.00	3,740.0	-460.4	-800.6	923.6	0.00	0.00	0.00
Upper Ferro	n SS								
3,941.3	0.00	0.00	3,765.0	-460.4	-800.6	923.6	0.00	0.00	0.00
Top of Coal									
4,000.0	0.00	0.00	3,823.7	-460.4	-800.6	923.6	0.00	0.00	0.00
4,031.3	0.00	0.00	3,855.0	-460.4	-800.6	923.6	0.00	0.00	0.00
	oal Zone								2.50

#### Planning Report

Database:

Company: Project:

XTO Energy Utah Wells

Site: Well:

Wellbore:

Design:

UP&L 16-7-36-24D UP&L 16-7-36-24D UP&L 16-7-36-24D Permitted Wellbore

EDM 2003.14 Single User Db

Local Co-ordinate Reference: TVD Reference: **MD Reference:** 

North Reference: **Survey Calculation Method:**  Well UP&L 16-7-36-24D

Rig KB @ 6417.0ft (Frontier #1) Rig KB @ 6417.0ft (Frontier #1)

Minimum Curvature

1 .	
<b>10.1</b> 2	
i Pianne	d Survey

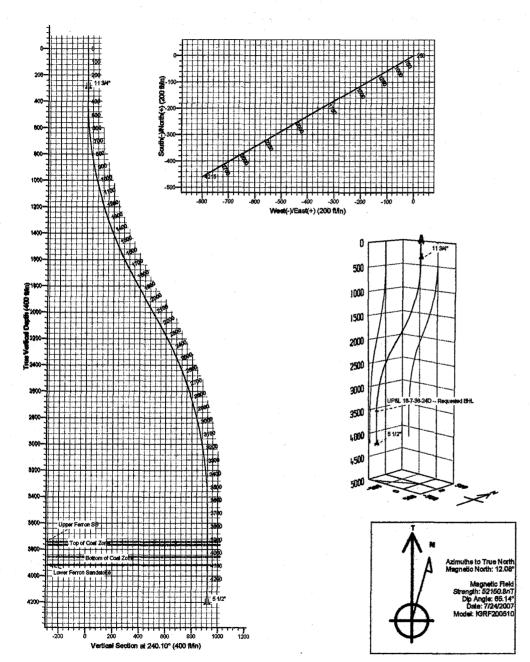
leasured Depth (ft)	inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,091.3	0.00	0.00	3,915.0	-460.4	-800.6	923.6	0.00	0.00	0.00
Lower Ferro	n Sandstone								
4,100.0	0.00	0.00	3,923.7	-460.4	-800.6	923.6	0.00	0.00	0.00
4,200.0	0.00	0.00	4,023.7	-460.4	-800.6	923.6	0.00	0.00	0.00
4,300.0	0.00	0.00	4,123.7	-460.4	-800.6	923.6	0.00	0.00	0.00
4,390.0	0.00	0.00	4,213.7	-460.4	-800.6	923.6	0.00	0.00	0.00
5 1/2"								0.00	0.00
4,391.3	0.00	0.00	4,215.0	-460.4	-800.6	923.6	0.00	0.00	0.00

!	Ţ	a	ì	g	H	t

Target Name									
- hit/miss target - Shape	Dip Angle (°)	Dip Dir.	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	•	
UP&L 16-7-36-24D R€ - plan hits target - Point	0.00	0.00	3,500.0	-460.4	-800.6	989,620.60	2,116,487.95	<b>Latitude</b> 39° 23' 0.233 N	<b>Longitude</b> 111° 5' 16.968 W

Casing Points							
	Measured Depth (ft)	Vertical Depth (ft)		Name	Casing Diameter (")	Hole Diameter (")	
	300.0	300.0	11 3/4"		11-3/4	14-3/4	
	4,390.0	4,213.7	5 1/2"		5-1 <i>1</i> 2	8-3/4	

Measured Depth	Vertical Depth			Dip	
(n)	(ft)	Name	Lithology	Dip Direction (°) (°)	t in the second
3,916.3	3,740.0	Upper Ferron SS	Sandstone	0.00	
3,941.3	3,765.0	Top of Coal Zone	Coal	0.00	
4,031.3	3,855.0	Bottom of Coal Zone	Coal	0.00	
4,091.3	3,915.0	Lower Ferron Sandstone	Sandstone	0.00	





Well Name: UP&L 16-7-38-24D

Plan Description: S-Well to Ferron Coal/SS

Name TVD +N/-S +E/-W Latitude Longitude Shape UP&L 16-7-36-24D -- Requested BHL 3600.0 -460.4 -800.6 39° 23' 0,233 N 111° 5' 18.988 W Point

Project: Utah Welfs Site: UP&L 16-7-36-24D Welf: UP&L 16-7-36-24D Welfbors: UP&L 16-7-36-24D Permitted Welfbors

#### FORMATION TOP DETAILS

TVDPathMDPath Formation 3740.0 3916.3 Upper Ferron SS 3755.0 3941.3 Top of Cost Zone 3855.0 4031.3 Bottom of Cost Zone 3915.0 4091.3 Lower Ferron Sandatone

#### CASING DETAILS

TVD MD Name Size 300.0 300.0 11 3/4" 11-3/4 4213.7 4390.0 6 1/2" 5-1/2

#### PROJECT DETAILS: Utah Wells

Geodetic System: US State Plane 1927 (Exact solution) Datum: NAD 1927 (NADCON CONUS) Ellipsoid: Clarke 1886 Zone: Utah South 4303

System Datum: Mean Sea Level

	SECTION DETAILS										
	Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLea	TFace	VSec	Target
- 1	1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	·•
1	2	360.0	0.00	0.00	360.0	0.0	0.0	0.00	0.00	0.0	
1	3	1838.4	29,57	240.10	1773.7	-186.0	-323.4	2.00	240.10	373.1	
	4	2197.9	29.57	240.10	2086.3	-274.4	-477.2	0.00	0.00	550.5	
1	5	3676.3	0.00	0:00	3500.0	-460.4	-800.6	2.00	180.00	923.6	UP&L 16-7-36-24D - Requested BHL
		4091.3			3915.0	-460.4	-800.6	0.00		923.6	
		4204 2	0.00	0.00	4715 O	-400 4	.000.4	0.00	0.00	022 6	

#### Operator Certification:

a. Permitting and Compliance:

Kyla Vaughan Regulatory Compliance XTO Energy Inc. 2700 Farmington Avenue, Bldg K, Ste 1 Farmington, NM 87401 505-324-1090

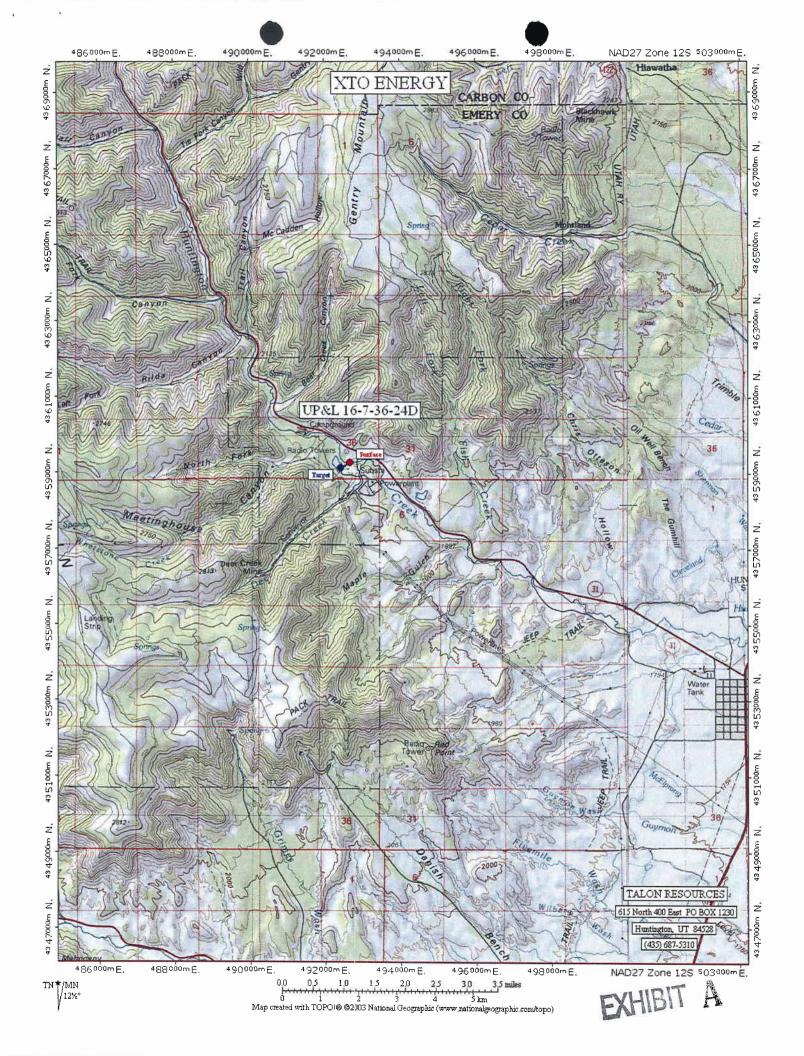
b. Drilling and Completions:

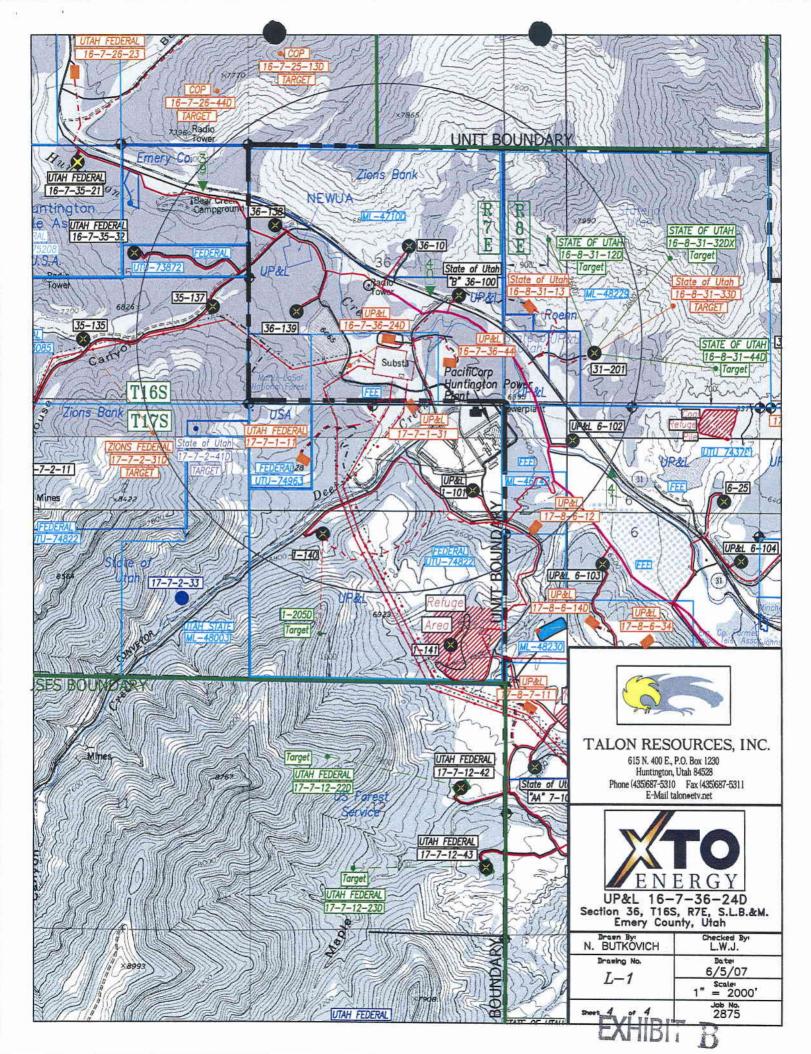
John Egelston XTO Energy Inc. 2700 Farmington Avenue, Bldg K, Ste 1 Farmington, NM 87401 505-324-1090

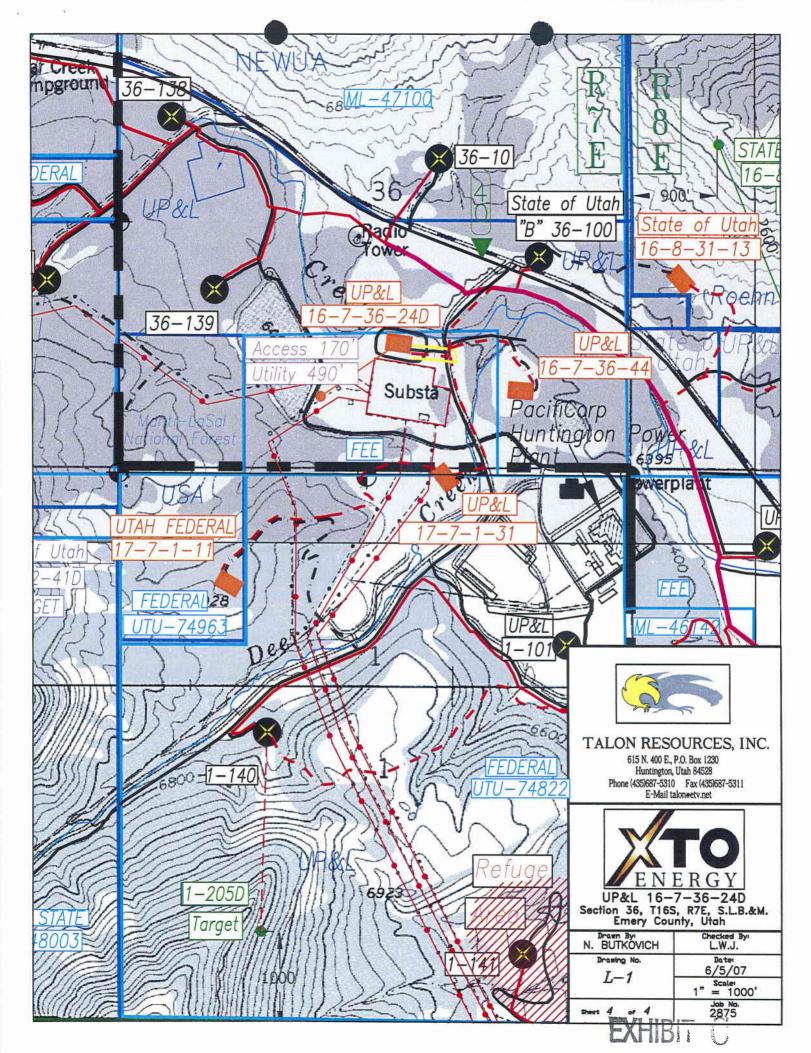
c. Certification:

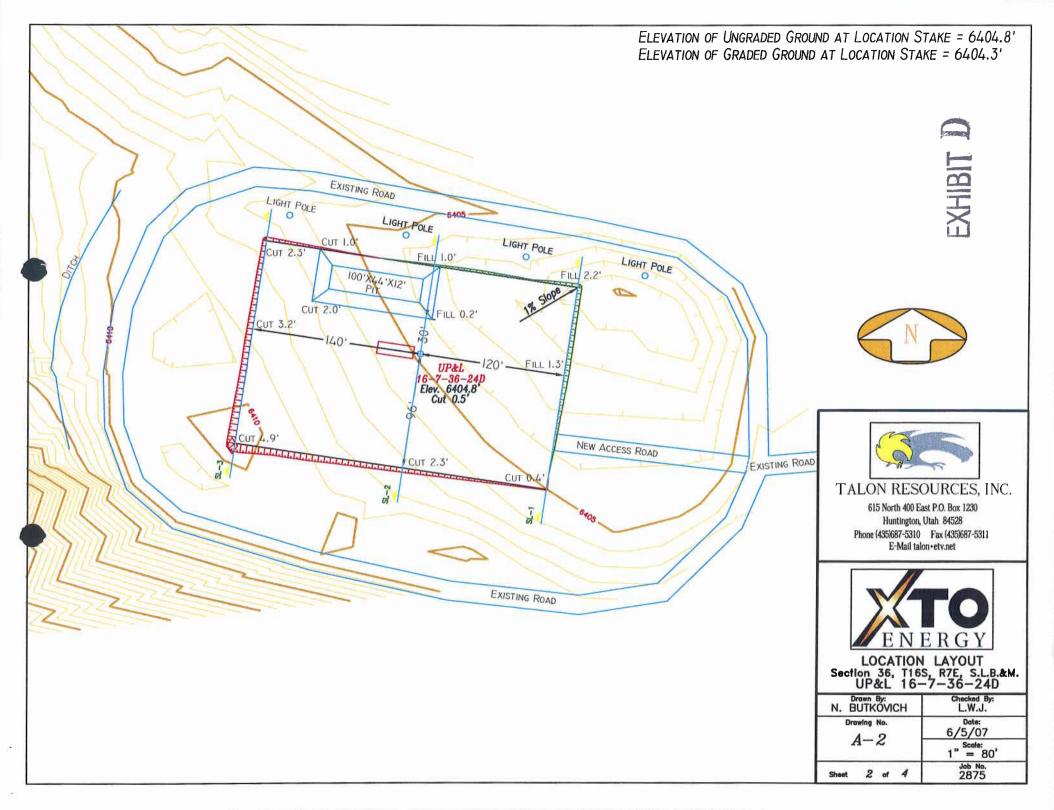
I herby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be preformed by XTO Energy Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided by XTO Energy Inc. This statement is subject to provisions of 18 U.S.C. § 1001 for the filing of a false statement.

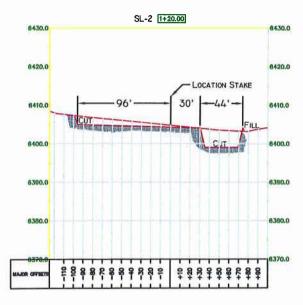
Signature

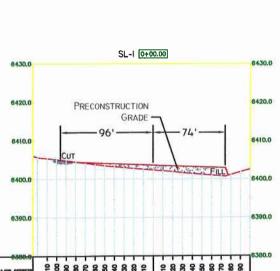


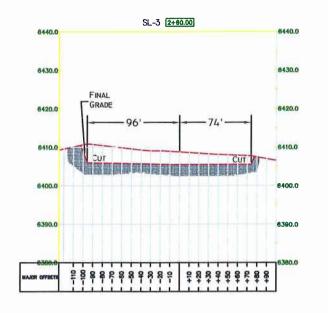




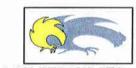








SLOPE = | 1/2 : | (EXCEPT PIT) PIT SLOPE = | ; |



X-Section Scale

1"=40"

#### TALON RESOURCES, INC.

615 North 400 East P.O. Box 1230 Huntington, Utah 84528 Phone (435)687-5310 Fax (435)687-5311 E-Mail talon ety.net



TYPICAL CROSS SECTION
Section 36, T16S, R7E, S.L.B.&M.
UP&L 16-7-36-24D

Drawn By: N. BUTKOVICH	Checked By: L.W.J.			
Drawing No.	Date: 6/5/07			
C-1	1" = 100'			
Sheet 3 of 4	Job No. 2875			

#### APPROXIMATE YARDAGES

(6")TOPSOIL STRIPPING = 750 Cu. YDS. TOTAL CUT (INCLUDING PIT) = 3,400 Cu. YDS. TOTAL FILL = 435 Cu. YDS.



JUL 1 7 2007

1407 West North Temple, Suite 110 Sait Lake City, Utah 84116 (801) 220-2516 Office (801) 971-1077 Cellular (801) 220-4373 Fax

July 5, 2007

Mr. Ryan O'Kelley Associate Landman XTO Energy Inc. 810 Houston Street Fort Worth, TX 76102

Re: Amendment No. 3 to the Non-Exclusive Surface Use Agreement Between PacifiCorp and

XTO Energy Inc.

Dear Mr. O'Kelley:

Sincerely

XTO Energy Inc. ("XTO") and PacifiCorp have entered into a master Non-Exclusive Surface Use Agreement dated August 19, 2003 (the "Master Agreement"), which governs all surface facilities associated with XTO oil & gas exploration and production on lands owned by PacifiCorp in Emery County, Utah. The Master Agreement provides that new surface facilities be added to the terms of the Master Agreement by amending Attachment B and Attachment D thereto. Therefore, in order to add new surface facilities to the terms of the Master Agreement, I have enclosed Amendment 3 to Attachment B of the Master Agreement and Amendment 3 to Attachment D of the Master Agreement. As you know, Attachment B includes all legal descriptions for well pads, road segments, pipelines, powerlines and utility corridors located on PacifiCorp property that is covered by the Master Agreement. Attachment D includes a breakdown of the annual payment calculations for all road/utility corridor segments described in Attachment B.

If you are in agreement with the terms of the Master Agreement, as amended by the new Attachment B and Attachment D included with this letter, please have an authorized representative of your company sign on the line provided at the bottom of this letter. Upon due execution of this letter, the Master Agreement shall be amended by deleting the existing Attachment B and Attachment D thereto, and by inserting Attachment B and Attachment D included with this letter (each of which is designated as "Amendment 3") in lieu thereof. Also, as compensation for the new surface facilities, by signing below, XTO Energy Inc. agrees to send to PacifiCorp a check in the amount of within thirty days of the date of this letter, as the one-time payment for the additional facilities located on PacifiCorp property required by Attachment A of the Master Agreement. The new annual payment schedule is outlined in Attachment D.

If you have any questions, please call me at (801) 220-2516 or (801) 971-1077.

Property Agent
Enclosure(s)

XTO Energy Inc. and PacifiCorp do hereby amend the Master Agreement in the manner set forth in this letter.

XTO Energy Inc.

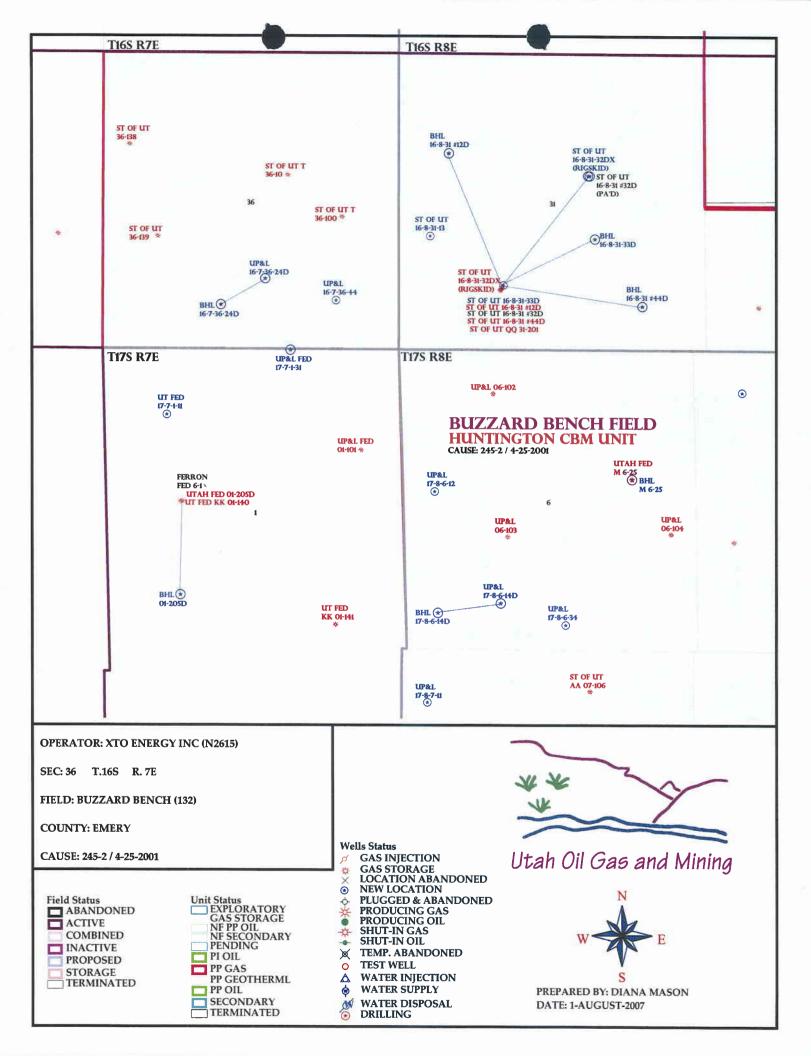
This by the pacific corp

PacifiCorp

PacifiCorp

Date

APD RECEIVED: 08/01/2007	[ ;	API NO. ASSIG	NED: 43-01	5-30729			
WELL NAME: UP&L 16-7-36-24D  OPERATOR: XTO ENERGY INC ( N2615 )  CONTACT: KYLA VAUGHAN	РН	PHONE NUMBER: 505-324-1090					
PROPOSED LOCATION:	II	NSPECT LOCATN	BY: /	/			
SWSE 36 160S 070E SURFACE: 1258 FSL 2390 FEL	T	ech Review	Initials	Date			
BOTTOM: 0800 FSL 2100 FWL	E	ngineering	DKD	9/7/07			
COUNTY: EMERY LATITUDE: 39.38474 LONGITUDE: -111.0853	G	eology					
UTM SURF EASTINGS: 492654 NORTHINGS: 43592	267 S	urface		,,			
FIELD NAME: BUZZARD BENCH ( 132	)						
LEASE TYPE: 4 - Fee  LEASE NUMBER: FEE  SURFACE OWNER: 4 - Fee		ROPOSED FORMAT		SD			
Plat  Bond: Fed[] Ind[] Sta[] Fee[]  (No. 104312742 )  Potash (Y/N)  Oil Shale 190-5 (B) or 190-3 or 190-13  Water Permit  (No. MUNICIPAL )  RDCC Review (Y/N)  (Date: )  Fee Surf Agreement (Y/N)  Intent to Commingle (Y/N)	R649 Unit: HU R649 Sit: R649  Dri. Book Ef: Si	AND SITING: 9-2-3.  NTINGTON CBM 9-3-2. Generating: 460 From Qt 9-3-3. Except lling Unit ard Cause No: f Date: ting: Sucre 9-3-11. Direct	1 245-2 4-25-0	2 Design			
STIPULATIONS: 1- STATEM		5-07) = Basis					



## **Application for Permit to Drill**

#### **Statement of Basis**

8/23/2007

#### **Utah Division of Oil, Gas and Mining**

Page 1

APD No

API WellNo

Status

Well Type

**Surf Ownr** 

**CBM** 

477

43-015-30729-00-00

GW

No

**Operator** 

Surface Owner-APD

Type of Work

XTO ENERGY INC

Well Name UP&L 16-7-36-24D

Unit

Field Location

**UNDESIGNATED** SWSE 36 16S 7E S

1258 FSL 2390 FEL

GPS Coord (UTM) 492654E 4359267N

#### Geologic Statement of Basis

A review of the ground water resources for this location indicates that there are numerous points of diversion within a one mile radius of this well but only two underground sources of water, an 8" diameter casing water well drilled to 90' and an 8" diameter casing water well drilled to 80'. Both of these are nearby. A moderately permeable soil is developed on Quaternary alluvial fan deposits covering the Upper Portion of the Blue Gate Member of the Mancos Shale in Huntington Creek Canyon. The well will likely penetrate water saturated surface sediments adjacent to flowing Huntington Creek. The creek is about 250 feet to the north and is probably active all year long. It is also possible that the well will penetrate several sand units of the Emery Sandstone Member of the Mancos Shale. The proposed surface casing and cementing program should protect any near surface aquifers encountered during drilling although any water bearing sandstones encountered in the Emery Sandstone should also be afforded the protection of casing and cement.

Chris Kierst

8/21/2007

**APD Evaluator** 

Date / Time

#### **Surface Statement of Basis**

On-site evaluation conducted on August 15, 2007. In attendance: Bart Kettle-Division of Oil, Gas and Mining (DOGM), Ray Trujillo-XTO, Damien Jones-NGO, Chris Nielson-Nielson Construction, Glenn Pinterich-PacifiCorp Energy, Ray Peterson-Emery County and Allen Childs-Talon Resources. Invited and electing not to attend: Ed Bonner-Trust Lands Administration (SITLA) and Jim Davis-Trust Lands Administration.

Proposed project site is located within the hub of the weight station for the Huntington Power Plant and the Deer Creek Mine. Continued coordination should occur between XTO Energy, Inc and PacifiCorp Energy throughout the construction and drilling phases of the project to prevent disruption of operations of Huntington Power Plant and the Deer Creek Mine. Electrical lines under the proposed well site shall be re-routed as proposed at on-site evaluation by XTO Energy, Inc and PacifiCorp Energy. Care shall be taken to manage dust resulting from drilling operations so as not to disrupt operations of the weight station and electrical transfer station.

Emery County notes the importance of the County Road as access to the Huntington Power Plant and Deer Creek Mine. Emery County request that XTO Energy Inc coordinate with the County Roads Department in obtaining encroachment permit and construction activities that will affect the county roads system.

DOGM notes the proximity of fresh water to the proposed project location. Due to the proximity if fresh water DOGM recommends the use of a 20 mil liner in reserve pit. Liner shall be maintained in proper working condition at all time during drilling operation. If integrity of liner is compromised while drilling, operations shall cease until pit liner is repaired to a proper functioning condition.

Bart Kettle

8/15/2007

**Onsite Evaluator** 

Date / Time

## **Application for Permit to Drill Statement of Basis**

8/23/2007

#### Utah Division of Oil, Gas and Mining

Page 2

#### Conditions of Approval / Application for Permit to Drill

Category

Condition

Pits

A synthetic liner with a minimum thickness of 20 mils shall be properly installed and

maintained in the reserve pit.



#### Utah Division of Oil, Gas and Mining

Operator

XTO ENERGY INC

Well Name

UP&L 16-7-36-24D

API Number

43-015-30729-0

**APD No 477** 

Field/Unit UNDESIGNATED

Location: 1/4,1/4 SWSE

**Sec** 36 **Tw** 16S

Rng 7E

1258 FSL 2390 FEL

**GPS Coord (UTM)** 

**Surface Owner** 

#### **Participants**

Bart Kettle-Division of Oil, Gas and Mining (DOGM), Ray Trujillo-XTO, Damien Jones-NGO, Chris Nielson-Nielson Construction, Glenn Pinterich-PacifiCorp Energy, Ray Peterson-Emery County and Allen Childs-Talon Resources

#### Regional/Local Setting & Topography

Proposed project area is ~10 miles northwest of Huntington, located in Emery County Utah. Project site is surrounded by a series of sharp sandstone ledges cut by deep canyons along the eastern rim of the Wasatch Plateau. Drainages flow into Huntington Creek within 500 feet and eventually to the Green River 60 miles away. Project site is located in a 12-14" precept zone part way up the eastern slope of the Wasatch Plateau. Regionally agriculture lands are located along the valley floor 5 miles to the east, and the top of the Wasatch Plateau is 5 miles to the west. With the exception of the Skyline drive portions of the Wasatch Plateau, regionally the climate is arid rangelands dominated by Salt Scrub shrub lands and Pinion/Juniper woodlands. Soils in the region are generally poorly developed, and moderate too highly erosive. Locally the proposed project site lies within lands owned by PacifiCorp Energy within 1/4 mile of the Huntington Power Plant. As staked well pad lies within a "loop road" used by all trucks entering weigh station prior to deliver of loads to PacifiCorp Energy operations.

#### Surface Use Plan

**Current Surface Use** 

Grazing

Industrial

**New Road** 

Miles Well Pad

**Src Const Material** 

**Surface Formation** 

0

Width 130

Length 260

Onsite

MNCS

Ancillary Facilities N

#### Waste Management Plan Adequate? Y

#### **Environmental Parameters**

#### Affected Floodplains and/or Wetland N

Hunting Creek within 350', but not within flood plain

#### Flora / Fauna

Flora

Grass: Crested wheatgrass.

Forbs: Morning glory, poverty weed, alfalfa, halogeton, Russian thistle, curly cup gum weed.

Shrubs: White stem rubber rabbit brush.

Trees: None noted Other: None noted

Fauna: Rocky mountain elk, mule deer, bobcat, cougar, raccoon, coyote, red fox use possible. Seasonal use by a host of song birds and raptors. Year long habitat for a host of small reptiles, mammals and birds.

#### Soil Type and Characteristics

Mixture of alluvium and gravel hauled in from outside source

**Erosion Issues** N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required N

#### Berm Required? N

Berm already in place in the form of the "loop road" for weigh station

**Erosion Sedimentation Control Required?** N

Paleo Survey Run? N

Paleo Potental Observed? N

Cultural Survey Run? N

Cultural Resources? N

#### Reserve Pit

Site-Specific Factors		Site I	Ranking	
Distance to Groundwater (feet)	25 to 75		15	
Distance to Surface Water (feet)	300 to 1000		2	
Dist. Nearest Municipal Well (ft)	500 to 1320		10	
Distance to Other Wells (feet)	300 to 1320		10	
Native Soil Type	Mod permeability		10	
Fluid Type	Fresh Water		5	
Drill Cuttings	Normal Rock		0	
<b>Annual Precipitation (inches)</b>	10 to 20		5	
Affected Populations	>50		10	
Presence Nearby Utility Conduits	Present		15	
		Final Score	82	1 Sensitivity Level

#### Characteristics / Requirements

Ranking score is extremely high for the Emery County area, particularly for a well located in the Mancos formation. Much of the high ranking score can be attributed to the immediate proximity to PacifiCorp Energy operations at the Huntington Plant. Known utilities exist in the proposed project area. XTO has coordinated with PacifiCorp Energy to identify utilities and has developed a strategy to avoid and relocate utilities so as to prevent disruption of power plant and coal mine operations. PacifiCorp Energy operates a fresh water well within 600' of the proposed project site. Following an in-house evaluation PacifiCorp Energy has determined that drilling at this site is unlikely to affect water quality of their well, additional evaluation will be completed by DOGM while reviewing casing specifications. Proposed project is also located within 350' of the channel of Huntington Creek, occurrence of water is likely within the first 50' of drilling and may prevent the use of air drilling procedures in the upper portions of the well. Evaluation of proposed casing design should be adequate to address live water concerns, it is not anticipated that use of a standard reserve pit will pose substantial contamination concerns. Recommendation for stipulation of permit to contain requirement to maintain reserve pit liner in proper working condition while drilling. If integrity of liner is compromised, all operations are to cease until liner is repaired to proper working condition.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 20 Pit Underlayment Required? N

#### **Other Observations / Comments**

Proposed project site is best described as very busy. Well pad is located within the hub of haul route known and the "loop

road" carrying truck traffic to weigh station for materials entering and leaving PacifiCorp Energy's Hunting Power Plant and the Deer Creek Mine. Maintance and operation responsibilities of facilities located at the proposed project site are under the jurisdiction of PacifiCorp Energy's Huntington Power Plant, however a disruption at this site will affect the Deer Creek mine as well, therefore they are analyzed together in this evaluation. Known utilities exist both within the proposed well pad location and along the proposed pipeline route, disruption of these utilities will likely cause temporary shut down of the the Deer Creek Mine, and potentially the Huntington Power Plant. XTO Energy, Inc and PacifiCorp Energy have undergone extensive consultation in determining a suitable site for the proposed well. A plan is currently being developed to complete construction and drilling without disrupting operations of Hunting Power Plant or Deer Creek Mine.

Structures/facilities within the scope of the project area include the weigh station, industrial eletrical transfer station, intake pond for mine and power plant raw water, water well, access road and utilites. It is not resonably foreseeable to expect direct impacts from the proposed project to any of the above except the Emery County access road and utilites. Development of a plan of operations is under way so as to manage impacts to Emery County access road and service utilities and prevent disruption of power plant and mine operations.

Contamination of water resources by proposed project is of concern. The main channel of Huntington Creek lies within 350' of the proposed project site. It is expected shallow water associated with Huntington Creek may be encountered in the first 50' of the well bore. PacifiCorp Energy operates a fresh water well within 600' of the proposed project, impacts are not anticipated but are reasonably forseeable. Water is drawn from 150' of the surface, and appears to be associated with perculation coming from Huntington Creek.

Emery County expressed concerns regarding encroachment permit connected to instalation of flowlines across the county road. Request that XTO Energy, Inc contact the County Roads Department with project spefices.

Bart Kettle Evaluator

8/15/2007

Date / Time

Agency List

Business

## Utah Division of Water Rights

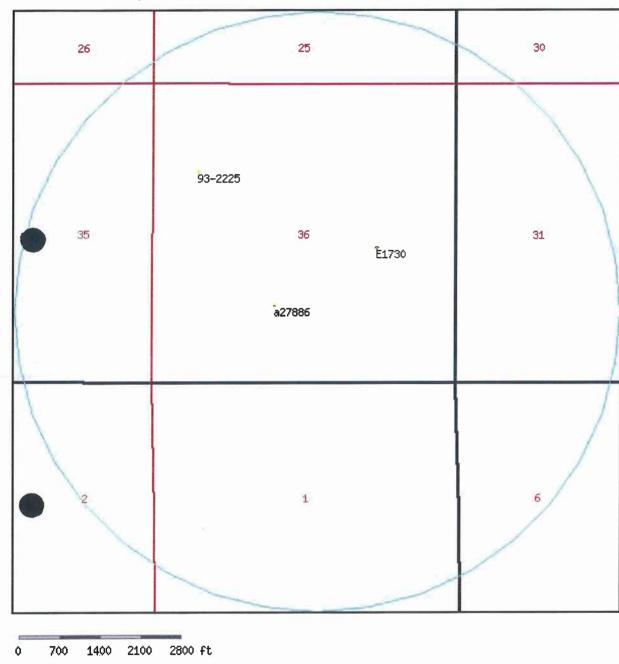


#### **WRPLAT Program Output Listing**

Version: 2007.04.13.01

Rundate: 08/21/2007 05:24 PM

Radius search of 5280 feet from a point N1258 W2390 from the SE corner, section 36, Township 16S, Range 7E, SL b&m Criteria:wrtypes=W,C,E podtypes=S,U,Sp status=U,A,P usetypes=all



Water Rights

WR Number	Diversion Type/Location	Well Log	Status	Priority U	Uses	CFS	ACFT	Owner Name
93-1115	Surface		P	19681210 IO	P	20.000	0.000	PACIFICORP DBA UTAH POWER & LIGHT COMPANY
	S1535 E785 NW 36 16S 7E SL							ATTN: MS. JODY L. WILLIAMS
93-220	Surface		P	18750000 DII	MOSP	150.000	0.000	HUNTINGTON CLEVELAND IRRIGATION COMPANY
	S1535 E785 NW 36 16S 7E SL							P.O. BOX 327
93-2223	Surface		P	18790000 DII	MOSP	45.000	0.000	HUNTINGTON CLEVELAND IRRIGATION COMPANY
	S1535 E785 NW 36 16S 7E SL							P.O. BOX 327
93-2224	Surface		P	18840000 DII	MOSP	77.250	0.000	HUNTINGTON CLEVELAND IRRIGATION
	S1535 E785 NW 36 16S 7E SL							C/O J. CRAIG SMITH & DAVID B. HARTVIGSEN
93-2225	Surface		P	18880000 DI	MOSP	80.000	0.000	HUNTINGTON CLEVELAND IRRIGATION COMPANY
	S1535 E785 NW 36 16S 7E SL							P.O. BOX 327
a27886	Underground		A	20030509 M		0.000	300.260	HUNTINGTON-CLEVELAND IRRIGATION COMPANY
	N1350 E2150 SW 36 16S 7E SL							P.O. BOX 327
E1730	Underground	well info	A	19801209 O		0.330	240.000	PACIFICORP DBA UTAH POWER & LIGHT COMPANY
	N2380 W1370 SE 36 16S 7E SL							ATTN: CARLY BURTON

Natural Resources | Contact | Disclaimer | Privacy Policy | Accessibility Policy



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Select Related Information

(WARNING: Water Rights makes NO claims as to CHANGE: a27886 WATER RIGHT: 93-3725 CERT. N BASE WATER RIGHTS: 93-3725 CERT. N BASE WATER RIGHTS: 93-3725 CHANGES: Point of Diversion [X], Place of Use [], Nature of Use	
NAME: Huntington-Cleveland Irrigation Company ADDR: P.O. Box 327 Huntington UT 84528 REMARKS:	
North Emery Water User's Special Service District O. Box 129 Cleveland UT 84518 REMARKS;	
FILED: 05/09/2003 PRIORITY: 05/09/2003 ADV BEGAN: 05/27/2003 PROTESTED: [No ]   HEARNG HLD: EXTENSION:   ELEC/PROOF: [ ]   ELEC/PROOF: RUSH LETTR:   RENOVATE:   RECON REQ: Status: Approved	SE ACTION: [Approved] ActionDate:09/17/2003 PROOF DUE: 09/30/2008  CERT/WUC:  LAP, ETC:  LAPS LETTER:  TYPE: [ ]
	FLOW: 300.26 acre-feet
SOURCE: Springs:Birch, MainCynLower&Middle&Upper, BigBend	
COUNTY: Emery	COUNTY: Emery
Water User's Special Service District.	HEREAFTER PLACE OF USE: Within the distribution system of the North Emery Water User's Special Service District.  EXPLANATORY: This Permanent Change Application is being filed to allow the North Emery Water User's Special Service District to supplement their other water sources.  There are 1801.56 shares in the Huntington-Cleveland Irrigation Company under numerous stock certificates.
	SAME AS HERETOFORE, AND IN ADDITION TO: (Click link for WRPLAT)
Point Surface:  (1)	

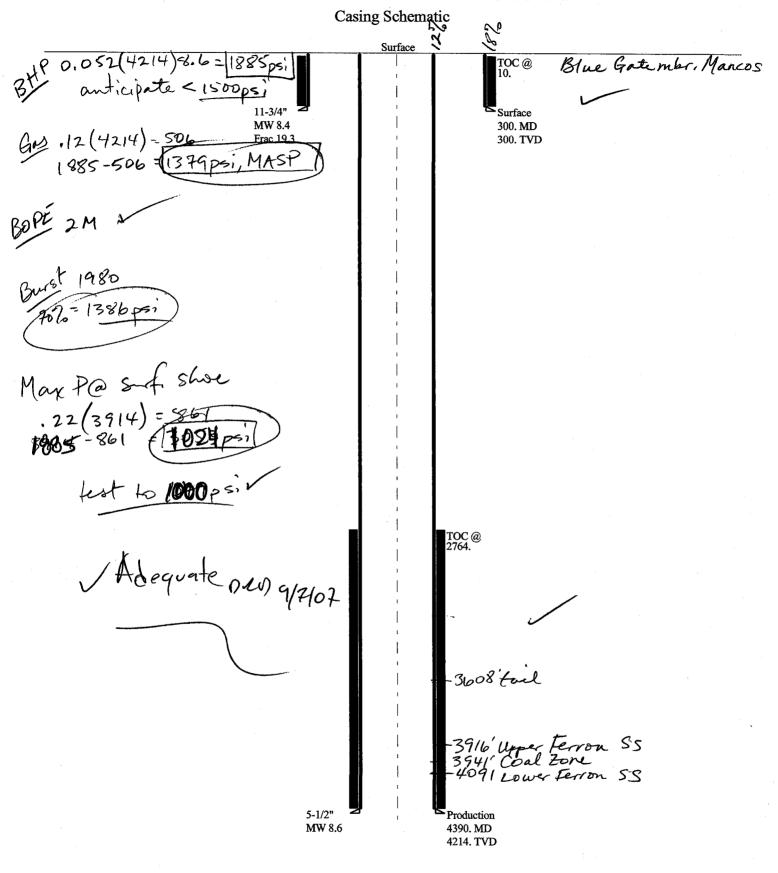
Main Canyon Middle Spring

### CHPRINT (a27886)

Point Underground:	UNDERGROUND: (Click Link for PLAT data, Well ID# link for data.)  (1) N 1350 ft E 2150 ft from SW cor, Sec 36, T 165, R 7E, SLBM   Diameter: 8 ins. Depth: 90 to ft. WELL ID#:    COMMENT: Well being added is an existing well.
	SAME AS HERETOFORE
SUPPLEMENTAL to Other Water Rights: No	SUPPLEMENTAL to Other Water Rights: No
MUN: North Emery Water Users Association USED 01/01 - 12/31	MUN: North Emery Water Users SSD

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# 2007-09 XTO UP&L 16-7-36-24D



Well name:

2007-09 XTO UP&L 16-7-36-24D

Operator:

XTO Energy, Inc.

String type:

Surface

Location:

**Emery County** 

Project ID:

43-015-30729

**Design parameters:** 

**Collapse** 

Mud weight:

8.400 ppg Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor

1.125

**Environment:** 

H2S considered? Surface temperature: No 65 °F 69 °F

Bottom hole temperature: Temperature gradient:

1.40 °F/100ft

Minimum section length:

150 ft

**Burst:** 

Design factor

1.00

1.80 (J)

1.50 (B)

263 ft

Cement top:

10 ft

**Burst** 

Max anticipated surface

pressure: Internal gradient:

264 psi 0.120 psi/ft

Calculated BHP

No backup mud specified.

**Tension:** 

300 psi 8 Round STC:

Premium:

Body yield:

Neutral point:

8 Round LTC: 1.80 (J) **Buttress:** 1.60 (J) 1.50 (J)

Tension is based on air weight.

Non-directional string.

Re subsequent strings:

Next setting depth: Next mud weight:

Next setting BHP: Fracture mud wt:

8.600 ppg 1,882 psi 19.250 ppg

4,214 ft

Fracture depth: Injection pressure:

300 ft 300 psi

Run Seq	Segment Length	Size	Nominal Weight	Grade	End Finish	True Vert Depth	Measured Depth	Drift Diameter	Internal Capacity
<b>-</b> 04	(ft)	(in)	(lbs/ft)	Oludo	1 1111311	(ft)	(ft)	(in)	(ft³)
1	300	11.75	42.00	H-40	ST&C	300	300	10.959	201
Run	Collapse	Collapse	Collapse	Burst	Burst	Burst	Tension	Tension	Tension
Seq	Load	Strength	Design	Load	Strength	Design	Load	Strength	Design
	(psi)	(psi)	Factor	(psi)	(psi)	Factor	(Kips)	(Kips)	Factor
1	131	1040	7.947	300	1980	6.60	13	307	24 37 J

Prepared

Helen Sadik-Macdonald

by: Div of Oil, Gas & Minerals Phone: 801-538-5357 FAX: 801-359-3940

Date: September 6,2007 Salt Lake City, Utah

**ENGINEERING STIPULATIONS:** 

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:

2007-09 XTO UP&L 16-7-36-24D

Operator:

XTO Energy, Inc.

String type:

Production

Location:

**Emery County** 

Project ID:

43-015-30729

**Design parameters:** 

Collapse

Mud weight:

8.600 ppg Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor

1.125

**Environment:** 

H2S considered? Surface temperature: No 65 °F

Bottom hole temperature:

124 °F

Temperature gradient:

1.40 °F/100ft

Minimum section length:

368 ft

**Burst:** 

Design factor

1.00

Cement top:

2,764 ft

**Burst** 

Max anticipated surface

pressure: Internal gradient: Calculated BHP

955 psi 0.220 psi/ft 1,882 psi

No backup mud specified.

**Tension:** 

8 Round STC: 1.80 (J) 1.80 (J) 8 Round LTC: **Buttress:** 1.60 (J) 1.50 (J)

Premium: Body yield: 1.50 (B)

Tension is based on air weight. Neutral point: 3.842 ft **Directional well information:** 

Kick-off point 360 ft Departure at shoe: 924 ft Maximum dogleg: 2 °/100ft

Inclination at shoe:

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
Run	4390 Collapse	5.5 Collapse	15.50 Collapse	J-55 Burst	ST&C Burst	4214 Burst	4390 Tension	4.825 Tension	586.7 Tension
Seq	Load (psi)	Strength (psi)	Design Factor	Load (psi)	Strength (psi)	Design Factor	Load (Kips)	Strength (Kips)	Design Factor
1	1882	4040	2.146	1882	4810	2.56	65	202	3.09 J

Prepared

Helen Sadik-Macdonald

Div of Oil, Gas & Minerals by:

Phone: 801-538-5357 FAX: 801-359-3940

Date: September 6,2007 Salt Lake City, Utah

**ENGINEERING STIPULATIONS:** 

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a



# State of Utah DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

**Division of Oil Gas and Mining** 

JOHN R. BAZA Division Director

September 11, 2007

XTO Energy, Inc. 382 CR 3100 Aztec, NM 87410

Re:

UP&L 16-7-36-24D Well, 1258' FSL, 2390' FEL, SW SE, Sec. 36, T. 16 South,

R. 7 East, Bottom Location 800' FSL, 2100' FWL, SE SW, Sec. 36, T. 16 South,

R. 7 East, Emery County, Utah

### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-015-30729.

Sincerely,

Gil Hunt

Associate Director

My The

pab Enclosures

cc:

**Emery County Assessor** 

**SITLA** 



Operator:		XTO Er	nergy, Inc.	
Well Name & Numl	ber	UP&L	16-7-36-24D	
API Number:		43-015-	30729	
Lease:		Fee		
Location:	SW SE	Sec. 36	<b>T.</b> <u>16 South</u>	R. 7 East
<b>Bottom Location:</b>	SE SW	Sec. 36	T. 16 South	<b>R.</b> 7 East

### **Conditions of Approval**

### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

### 2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

- 24 hours prior to cementing or testing casing contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment contact Dan Jarvis
- 24 hours prior to spudding the well contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well contact Dustin Doucet
- Any changes to the approved drilling plan contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

Dan Jarvis at:

(801) 538-5338 office

(801) 942-0873 home

Carol Daniels at:

(801) 538-5284 office

• Dustin Doucet at:

(801) 538-5281 office

(801) 733-0983 home

### 3. Reporting Requirements:

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

Page 2 43-015-30729 September 11, 2007

- 4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
- 5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

FORM:	9
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DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERAL NUMBER:
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT OF CA AGREEMENT NAME: HUNTINGTON CBM UNIT
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: UP&L 16-7-36-24D
2 NAME OF OPERATOR  XTO ENERGY INC.	9. API NUMBER: 4301530729
3 ADDRESS OF OPERATOR: 382 CR 3100 STATE NM SIP 87410 PHONE NUMBER: (505) 333-3100	10. FIELD AND POOL, OR WILDCAT: FERRON SANDSTONE
4. LOCATION OF WELL	12
FOOTAGES AT SURFACE: 1258' FSL & 2390' FEL	COUNTY: EMERY
QTR/QTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 36 16S 07E	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start:  Approximate date work will start:  CASING REPAIR  CHANGE TO PREMOUS PLANS  OPERATOR CHANGE  CHANGE TUBING  PLUG AND ABANDON  CHANGE WELL NAME  CHANGE WELL STATUS  PRODUCTION (START/RESUME)  COMMINGLE PRODUCING FORMATIONS  RECLAMATION OF WELL SITE  10/24/2007  CONVERT WELL TYPE  RECOMPLETE - DIFFERENT FORMATION  XTO Energy Inc. spudded 14 3/4" hole on 10/24/2007. Ran 9 joints 11 3/4", 42#, H40 casin casing with 200 sx Class G cement.  Continuing to drill	
NAME (PLEASE PRINT) HOLLY C. PERKINS (  SIGNATURE DATE 10/31/2007	COMPLIANCE TECH

(This space for State use only)

**RECEIVED** NOV 0 5 2007

### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

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Operator:

XTO ENERGY INC.

Operator Account Number: N 2615

Address:

382 CR 3100

city AZTEC

state NM zip 87410 Phone Number: \_\_(505) 333-3100

#### Well 1

API Number V		lame	QQ	Sec	Twp	Rng	County
4301530729	UP & L 16-7-36-24D		SWSE	36	16S	07E	EMERY
Action Code	Current Entity Number	New Entity Number	s	pud Da	te		tity Assignment Effective Date
KB	99999	13/6/	11	0/24/200	)7	//	120/07

BHL = SESW

#### Well 2

API Number	Well I	QQ	Sec	Twp	Rng County		
Action Code	Current Entity Number	New Entity Number	S	 Spud Dat	te		y Assignment fective Date
omments:							

### Well 3

API Number	Well	QQ	Sec	Twp	Rng County		
Action Code	Current Entity Number	New Entity Number	s	pud Da	te		y Assignment fective Date
omments:	1	<u> </u>				<u> </u>	

prior Makes Science of C

### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

### HOLLY C. PERKINS

Name (Please Print)

Signature

Regulatory Compliance Tech REGEIVED

Title

NOV 0 5 2007

43.015-30729 36 165 7e

### **HALLIBURTON**

# Cementing Job Summary

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Summit Version: 7.20.130

Friday, October 26, 2007 15:46:00

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NOV 1 3 2007

# Cementing Job Summary

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Summit Version: 7.20.130

Friday, October 26, 2007 15:46:00

RECEIVED NOV 1 3 2007

FORM 9

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL GAS WELL . OTHER	8. WELL NAME and NUMBER: UP & L 16-7-36-24D
2. NAME OF OPERATOR	9. API NUMBER:
XTO ENERGY INC.  3. ADDRESS OF OPERATOR: PHONE NUMBER:	4301530729
382 CR 3100 STATE NM	BUZZARD BENCH/FERRON SS
FOOTAGES AT SURFACE: 1258' FSL & 2390' FEL	COUNTY: EMERY
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 36 16S 7E	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT (Submit in Duplicate)  ACIDIZE  DEEPEN  ACIDIZE  DEEPEN  FRACTURE TREAT	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)  ALTER CASING  FRACTURE TREAT  Approximate date work will start:  CASING REPAIR  NEW CONSTRUCTION	SIDETRACK TO REPAIR WELL  TEMPORARILY ABANDON
CHANGE TO PREMIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK (Submit Original Form Only)	WATER DISPOSAL
Date of work completion:  CHANGE WELL STATUS  PRODUCTION (START/RESUME)	WATER SHUT-OFF
11/15/2007 COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	✓ OTHER: MONTHLY RPT 10/6/07 - 11/15/07
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume	es, etc.
Monthly Report for 10/6/2007 to 11/15/2007 attached.	
	RECEIVED
	NOV 2 3 2007
	DIV. OF OIL, GAS & MINING
NAME (PLEASE PRINT) HOLKY C. PERKINS)	OMPLIANCE TECH
SIGNATURE DATE 11/19/2007	

(This space for State use only)

**EMERY** 

UP & L 16-7-36-24D

SWSE, Sec 36, T16S, R7E LOCATION :

CONTRACTOR: Frontier Drilling, 4

WI %:

AFE#: 711516

API#: 43015307290000 DATE FIRST RPT: 10/22/2007

10/22/2007 DATE: OPERATION: Rig Move

DFS: -2.65

Footage Made:

VISC:

RPM:

WOB:

DMC: CMC: 98.13 DWC: 18,425.00 CWC: 44,963,50

TIME DIST: (12.00) Move Equipment from Last Location Until Dark. (12.00) W/O Daylight to Install 8' Covert & Rig Up.

DATE:

MW:

10/23/2007

OPERATION: Finish Spotting Equipment & Rig Up

DFS: -1.65

VISC:

Footage Made: Measured Depth:

MW: WOB:

RPM:

DMC:

CMC: 98 13 DWC: 20 575 00

Measured Depth:

Measured Depth:

Measured Depth: 150

Measured Depth: 350

Measured Depth: 350

CWC: 65,538.50

TIME DIST: (12.00) Install Covert & Rig Up. (12.00) W/O daylight to Finish Spotting Equipment.

DATE: 10/24/2007 OPERATION:

Rig Up

DFS: -0.65

MW: VISC:

WOB: RPM:

DMC: CMC:

DWC: 98.13 19,525.00 CWC: 85,063.50

TIME DIST: (24.00) Rig Up & Work On Loc Build Burn Pit.

DATE: 10/25/2007

OPERATION: Drilling

DFS: 0.35 Footage Made: 64

MW: VISC: 44 8.6

WOB: 60 0 RPM:

DMC: CMC: 98.13 DWC: 119,758.56 CWC: (3.00) Rig up. (9.00) Weld on 20" flange & NU flowline. (3.00) PU 14-3/4" BHA #1. (1.00) DO cmt inside conductor f/ 63' to TIME DIST:

86'. (1.00) Jet shale pit. (7.00) Drill new form f/ 86' to 150'.

Footage Made:

DATE: 10/26/2007 OPERATION: WO HES

DFS: 1.35

Footage Made:

MW: VISC:

WOB: 10 RPM: 80

DMC: 36,708.74 CMC: 98 13 DWC: 241,530.80 CWC:

200

TIME DIST: (6.00) Drill 14-3/4" surface hole 150' to 243'. (0.50) Service rig. (10.50) Drill new form f/ 243' to 350' TD. (1.00) Circ f/ surface casing & drop TOTCO. (1.50) TOH & LD BHA #1 1 deg @ 288'. (1.00) Waiting on casing crew. (2.50) Ran & landed 8 its ( 345.73') 11-3/4". 42 #, H-40, ST&C, new ERW csg @ 343.48' w/ insert float valve @ 299.38'. (1.00) WO HALLIBURTON.

DATE: 10/27/2007

**OPERATION:** WO WELDERS

DFS: 2.35 Footage Made:

MW: VISC:

WQB: RPM:

DMC: CMC: 98.13 DWC: 61,419.56 CWC: 302,950.36

TIME DIST: (8.00) WO HES cmt & bulk truck. (1.50) Cmt surf casing. (14.50) WOC surface cmt.

DATE: 10/28/2007 OPERATION: NU BOPE

DFS: 3.35 Footage Made: MW: VISC:

0 Measured Depth: 350

RPM: WOB:

DMC: CMC: 98.13 DWC: 24,900.00 CWC: 327,850.36 TIME DIST: (3.00) WO welders. (21.00) NU BOPE.

DATE: 10/29/2007 OPERATION: NU BOPE

DES: Footage Made: Measured Depth: 350 4 35

MW: VISC: WOB: RPM:

DWC: 24 900 00 CWC: 352,750,36 CMC: 98 13 DMC:

TIME DIST: (3.50) NU BOPE. (9.50) Fish & recover 8# hammer @ 299' KB w/ 8" magnet. (11.00) NU BOPE.

DATE: 10/29/2007 **OPERATION: NU BOPE** 

Measured Depth: 350 DFS: 4.35 Footage Made: 264

MW: 8.3 VISC: n

80 WOB: 10 RPM:

CWC: 26,538.50 DMC: 98.13 CMC: 98.13 DWC: 26,538.50

TIME DIST: (3.50) NU BOPE. (9.50) Fished out 8# hammer w/ 8" magnet @ 299'. (11.00) NU BOPE.

10/30/2007 DATE: NU BOPE OPERATION:

DFS: 5.35 Footage Made: Measured Depth: 350

VISC: MW: RPM. WOB:

CMC: 98.13 DWC: 20,820.00 CWC: 373,570.36 DMC:

TIME DIST: (24.00) NU BOPE

10/31/2007 DATE:

WO FITTINGS f/ GAS BUSTER & FLOWLINE OPERATION:

Measured Depth: 350 DFS: 6.35 Footage Made: 0

MW: VISC:

WOB: RPM:

DWC: 25 956 00 CWC: 399 526 36 DMC: CMC: 98 13

(9.00) Finished NU BOP stack & choke maniford. (15.00) WO fitting f/ gas buster & flowline. TIME DIST:

11/1/2007 DATE:

**OPERATION: NU GAS BUSTER & FLOWLINE** 

DFS: Measured Depth: 350 7.35 Footage Made:

VISC: MW: WOB: RPM:

98.13 DWC: CWC: 435,379,36 CMC: DMC:

(3.00) WO fittings. (8.00) Start nippling up gas buster & flowline. (13.00) WO fittings & pipe. TIME DIST:

DATE: 11/2/2007

**OPERATION: INSTALLING PRE-FABRICATED EQUIP** 

Measured Depth: 350 Footage Made: DFS: 8.35

MW: VISC: WOB: RPM:

98 13 DWC: 25.580.00 CWC: 460,959.36 CMC: DMC:

(3.00) WO fittings & pipe. (12.00) All fittings & pipe delivered. Prefabricated gas buster & flowline assemblies. (9.00) Installed TIME DIST:

pre-fabed assemblies.

11/3/2007 DATE: OPERATION: PU BHA #2

DFS: 9.35 Footage Made: Measured Depth: 350

VISC: MW: RPM. WOB:

CMC: 2,750.01 DWC: 26,619.00 CWC: 487,578,36 DMC: (7.00) NU gas buster & blooie line. (7.00) WELLCHECK tested BOPE to 1400 psi Hi f/ 10 mins & 250 psi Lo f/ 10 mins & TIME DIST:

casing to 1400 psi f/ 30 mins & 250 psi Lo f/ 5 mins, OK. (10.00) Finished NU bloole line & gas buster.

DATE: 11/4/2007 OPERATION: DRILLING

Measured Depth: 534 10.35 Footage Made: 184 DFS:

8.8 VISC: 43 MW: \* WOB: 20 RPM: 68

2.750.01 DWC: 53,304.00 CWC: 540,882.36 CMC: DMC:

(2.00) TIH w/ 252.27' BHA #2 to TOC @ 299'. (6.00) Build mud system. (4.00) DO wiper plug, insert float valve, cmt & shoe f/ TIME DIST:

299' to 350'. (13.00) Drill new form f/ 350' to.

11/5/2007 DATE: OPERATION: TIH

DES: 11.35 Footage Made: 266 Measured Depth: 800

40 MW: 8.7 VISC: RPM: 65 WOB: 28

731 CMC: 3.481.01 DWC: 24,609.00 CWC: DMC:

(9.00) Drill vertical hole to 800'. (0.50) Service rig & BOP drill. (6.50) Drill verticle hole from 688' to 800' KOP @ 22:00 hrs TIME DIST: 11/4/2007. (0.50) Circ f/ BHA change. (1.00) TOH. (5.00) LD slick BHA #2 & PU steerable BHA #3. (1.50) TIH w/ BHA #1 on 4

1/2" HWDP.

DATE: 11/6/2007 OPERATION: DRILLING

DFS: 12.35 Footage Made: 598 Measured Depth: 1,398

VISC: 38 MW: 9

WOB: 10 RPM. 0 CWC: 616,052.36 DMC: 1,406.36 CMC: 4.887.37 DWC: 50,561.00

(1.00) TIH w/ Weatherford directional tools. (9.00) Rotate & slide f/ 800' to 1,030'. (0.50) Service rig & BOP Drill. (13.50) Rotate TIME DIST:

& slide drill f/ 1,030' to 1,398'.

DATE: 11/7/2007 **OPERATION: DRILLING** 

13.35 703 Measured Depth: 2,101 DFS: Footage Made:

MW. 8 7 VISC:

WOB: 10 RPM: Ω

4,887.37 DWC: 57,630.00 CWC: 673 682 36 DMC: CMC:

TIME DIST: (9.50) Rotate & slide drill f/ 1,398' to 1,687'. (0.50) Service rig & function test pipe rams. (14.00) Rotate & slide drill f/ 1,687' to

2,1011.

DATE: 11/8/2007 OPERATION: DRILLING

667 Measured Depth: 2,768 DFS: 14.35 Footage Made:

MW. 8.6 VISC: 40

O WOB: 10 RPM:

4,887.37 DWC: 42,515.00 CWC: 716 197 36 DMC: CMC:

(9.50) Rotate & slide drill. (0.50) Service rig, function test pipe rams & BOP drill. (14.00) Rotate & slide drill TIME DIST: 0% LCM

gpm 3% KCL mud & 1,300 cfm air w/ foamer.

DATE: 11/9/2007 OPERATION: DRILLING

Measured Depth: 3,432 DFS: 15.35 Footage Made: 664

MW: 8.7 VISC: 38 60 10 RPM: WOB:

4.887.37 DWC: 47,638.00 CMC: DMC:

a Wista.

(8.00) Slide & rotate drill f/ 2,657' to 3,021'. (0.50) Service rig. (15.50) Slide & rotate drill f/ 3,021' to 3,432' TIME DIST:

DATE: 11/10/2007 **OPERATION: DRILLING** 

16.35 496 Measured Depth: 3,928 DFS: Footage Made:

VISC: 39 MW: 8.7 WOB: 10 RPM: 55

46,521.00 CWC: 810.356.36 CMC: 4,887.37 DWC: DMC:

(10.50) Slide & rotate drill. (0.50) Service rig & function test BOP pipe rams. (13.00) Slide & rotate drill. TIME DIST:

11/11/2007 DATE: **OPERATION: DRILLING** 

Measured Depth: 4,315 DFS: 17.35 Footage Made: 387

VISC: RPM: WOR. 18

MW:

39,732.00 CWC: 850,088.36 4 887 37 DWC: DMC: CMC: (10.50) Slide & rotate drill f/ 3,928 to 4,068. (0.50) Service rig & function test BOP pipe rams. (6.50) Slide & rotate drill f/ 4,068

TIME DIST: to 4,150. (1.00) Clean out "YELLOW DOG" suction. (5.50) Slide & rotate drill f/ 4,150 to 4,315.

11/12/2007 DATE: OPERATION: LD DRILL PIPE

DFS:

18.35

Footage Made:

Measured Depth: 4,325

MW:

VISC:

WOB: DMC:

15

RPM:

CMC:

4,887.37

10

DWC:

67,202.00

CWC:

917.290.36

TIME DIST:

(0.50) Rotate drill ff 4,315 to 4,325 TD. (2.50) Condition mud & circ...pump pill. (4.00) Short trip 20 stgs up to 2,583...wait 90 mins...trip back to bottom, no fill. (1.50) Trip out to 2,583 f/ logs. (0.50) Build mud volume...50 visc..pump down annulus... no fillup. (0.50) Trip out to 2,503. (2.50) Build 50 visc mud volume....pump dow drillpipe & break circ. (2.50) TOH f/ logs. (1.50) LD Weatherford directional tools. (5.50) RU Schlumberger & run PLATFORM EXPRESS Litho Density / Comp Neutron Gamma

Ray / High Resolution Laterolog Arrary / Caliper logs f/ 4,323' LTD to 342'. (2.50) LD HWDP.

DATE:

11/13/2007 **OPERATION: RIGGING DOWN** 

DFS:

19.35

Footage Made:

Measured Depth: 4,325

MW:

VISC:

WOB: DMC:

RPM:

CMC:

4.887.37

60,948.00

CWC:

TIME DIST:

(5.50) LD 4-1/2" HWDP. (2.50) LD 4" DP. (0.25) SAFETY MEETING. (4.50) Ran & landed 97 jts (4,323.31') 5-1/2", 17#, 1-80, LT&C, new casing @ 4,320.50' w/ float shoe @ 4,319.50', float collar @ 4,274.05' & Marker Joint @ 3,861,57. (4.25) HES cmt'd 5-1/2" prod csg w/ 135 sks CBM LIGHT TYPE III mixed @ 10.5 ppg f/g 175 sks CBM LIGHT Type III mixed @ 13 ppg & displaced w/ 99.2 BFW @ 7 3 BPM @ 70 - 400 psi. Bumped plug w/ 1000 psi. Released press @ 22:43 hrs 11/12/2007. NO CMT TO SURFACE. Lost returns w/ 80 bbls LEAD cmt gone and never regained returns. CIP & JC @ 22:43 hrs 11/12/2007. RD HES @ 23:00 hrs 11/12/2007. (4.00) Raised BOP equip & set 5-1/2" slips w/ 80 K tension. Cut off casing 1' AGL. (3.00)

DWC:

ND gas buster & flare line.

DATE:

11/14/2007

OPERATION: DRILLING COMPLETED

DFS:

20 35 Footage Made:

MW: WOB: VISC:

RPM: CMC:

DWC: 4.887.37

Measured Depth: 4,325

3.275.00

CWC:

981,513.36

DMC: TIME DIST:

(4.00) RD flare line & gas buster. FRONTIER RIG #4 RELEASED @ 10:00 AM 11/13/2007

43-015-30709 34 165 7e
Cementing Job Log

# HALLIBURTON

The Road to Excellence Starts with Safety

Quote #: **Ship To #:** 2608129 Sales Order #: 5489664 Sold To #: 301599 **Customer:** XTO ENERGY INC Customer Rep: JOHNSON, DON Well #: 16-7-36-24D API/UWI #: Well Name: UP&L City (SAP): UNKNOWN Field: County/Parish: Emery State: Utah Legal Description: Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs. Long: E 0 deg. OR E 0 deg. 0 min. 0 secs. Contractor: Frontier Drilling Rig/Platform Name/Num: FRONTIER4

Job Purpose: Cement Production Casing **Ticket Amount:** 

Well Type: Development Well Job Type: Cement Production Casing

Sales Person: KRUGER, ROBERT Srvc Supervisor: DEARING, KEN MBU ID Emp #: 239372 Rate Pressure : Volume Cht **Activity Description** Date/Time bbl psig Comments bbt min Stage Total Tubina Casing Call Out 11/12/2007 10:00 **Pre-Convoy Safety Meeting** 11/12/2007 10:45 Crew Leave Yard 11/12/2007 HAD MECHANICAL 12:00 PROBLEMS WITH RCM, HAD **MECHANICS WORK** ON PONY MOTOR AND **GOT FLAT ON** TRACTOR CHANGED. Arrive At Loc 11/12/2007 17:00 Assessment Of Location 11/12/2007 WAIT FOR CASERS TO Safety Meeting 17:05 **FINISH RUNNING CASING AND RIG** DOWN. Pre-Rig Up Safety Meeting 11/12/2007 19:00 Other 11/12/2007 SPOT EQUIPMENT. 19:10 Pre-Rig Up Safety Meeting 11/12/2007 19:25 Rig-Up Equipment 11/12/2007 **RIG UP IRON AND** 19:30 PRIME UP PUMPS AND RECEIVED MIX GEL. Safety Meeting - Pre Job 11/12/2007 SAFETY MEETING DEC 0 6 2007 20:35 WITH RIG CREW AND CO.MAN. DIV. OF OIL, GAS & MINING **Pump Water** 11/12/2007 PUMP H2O TO FILL 21:08 LINES. Pressure Test 11/12/2007 5000. **TEST PUMPS AND** 21:12 0 LINES. **Pump Spacer** 11/12/2007 100 START PUMPING H2O 30.0 21:16 TO FILL CASING AND GET CIRCULATION.

Sold To #: 301599 Ship To #:2608129 Quote #: Sales Order #: 5489664

SUMMIT Version: 7.20.130 Tuesday, November 13, 2007 01:40:00

# Cementing Job Log

Activity Description	Defortions	CML Dods		une	military and married in	sure He	Soppisati
		indire.	Stage	Total	Tubing	Casing	
Other	11/12/2007 21:23	6		25		60.0	INCREASE RATE.
Other	11/12/2007 21:33	6		90		260.0	SEE PRESSURE.
Returns To Surface	11/12/2007 21:34	6		95		260.0	
Pump Gel Pill	11/12/2007 21:35	4	20			210.0	START GEL SWEEP WITH POLY-E-FLAKE ADDED.
Pump Lead Cement	11/12/2007 21:45	5	99.5			210.0	START 10.5# LEAD CEMENT, 135sks, 99.5bbls, 4.14 YEILD.
Other	11/12/2007 22:00	5.5		80		90.0	LOST RETURNS.
Pump Tail Cement	11/12/2007 22:04	5	54.2			80.0	START 13.5# TAIL CEMENT, 175sks, 54.2bbls, 1.74 YEILD.
Shutdown	11/12/2007 22:17					-	END CEMENT, SHUT DOWN.
Clean Lines	11/12/2007 22:17						WASH PUMPS AND LINES TO THE PIT.
Drop Top Plug	11/12/2007 22:20						
Pump Displacement - Start	11/12/2007 22:21	7	99.2			70.0	START H2O DISPLACEMENT.
Other	11/12/2007 22:31	4		70		55.0	SLOW RATE.
Displ Reached Cmnt	11/12/2007 22:34	4		80		100.0	SEE CEMENT LIFT PRESSURE.
Other	11/12/2007 22:37	3		90		210.0	SLOW RATE.
Bump Plug	11/12/2007 22:39	3		99.2		400.0	BUMP PLUG AT 400psi.
Other	11/12/2007 22:39					1000. 0	PRESSURE 600psi OVER, SHUT DOWN.
Check Floats	11/12/2007 22:43						FLOATS HOLD.
Pre-Rig Down Safety Meeting	11/12/2007 22:50						
Rig-Down Equipment	11/12/2007 23:00						RIG IRON OFF OF FLOOR.
Safety Meeting	11/12/2007 23:15						
Other	11/12/2007 23:20						WASH UP RCM.
Pre-Rig Down Safety Meeting	11/13/2007 00:00						

Sold To #: 301599

Ship To #:2608129

Quote #:

Sales Order #:

5489664

SUMMIT Version:

7.20.130

# Cementing Job Log

Activity Description	Dete/Time	Cht	Rate. Ibbl/	AOI	ume bi	Proc Process	eure: Lle	Contnents
Company of Electric Company of Co		#	min	Stage	Total	Tubing	Casing	
Rig-Down Equipment	11/13/2007 00:10						and the second second second	RACK DOWN IRON.
Depart Location Safety Meeting	11/13/2007 01:15							
Crew Leave Location	11/13/2007 01:30							RELEASED BY CO.MAN-LEAVE LOCATION.

Sold To #: 301599

Ship To #:2608129

Quote #:

Sales Order #:

5489664

SUMMIT Version: 7.20.130

# UPIL 16-7-36-44

# 43-015-30729 36 Nes 7e

### **PALLIBURTON**

# Cementing Job Summary

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Sold To #:	3015	99		Ship	To#	£: 26081	29		Q	uote #:				S	ales O	rder :	<b>#</b> : 5489	664	
Customer:	XTO	ENER	RGY IN	С					C	ustome	r Rep:	JOH	NSON				··· ·· · · · · · · · · · · · · · · · ·		
Well Name	: UP	&L				٧	Vell #	<b>#:</b> 16	5-7-36-2	24D			AF	WU\I	#:				
Field:			C	ity (SAF	'): U	NKNOW	/N	Co	unty/P	arish:	mery				tate: U	tah			
Contractor	: Fro	ntier D	rilling			Rig/Pla	tforn					R4							
Job Purpo	se: (	emen	t Produ	ction C	asing														
Well Type:	Deve	elopme	nt Wel			Job Ty	pe: C	eme	ent Pro	duction	Casino	1		··					
Sales Pers	on:	KRUG	ER, RC	BERT		Srvc St							MBU I	D Em	p#: 23	39372	)		
									b Pers			<u>_</u>							<del></del>
HES En			Exp Hr			HES	Emp	Na	me	Exp Hr	Emp	#	H	S Em	p Name	1	Exp Hrs	Em	p #
DEARING,	KEN	Α	8.50	23937	72	MARTIN	IEZ, V	NES		8.50	4278	-		RE, JA			8.50	4348	
NEILL, WA	YNE.	John	8.50	41920	)6	PORTE	R, ED	WA!	RD	8.50	4365	50							
			·	- · · · · · · · · · · ·				E	quipm	ent	. L	L						l	
HES Unit #	Die	stance-	1 way	HES U	nit #	Dista	ance-			IES Unit	# Di	stanc	e-1 w	av i	HES Un	i+ #	Distan	ce-1 v	
10719780		0 mile		108978	317	120 m				0982756		0 mile		-, .	120 011	-	Вівші	CG-1 V	· ay
								J	ob Ho	urs						l			
Date	On	Locati	ion C	perating	3 T	Date			Location		erating		Da	te	On L	ocatio	n O	perati	na
		Hours		Hours					Hours		Hours			•	T .	ours	-	Hours	_
11-12-07		7		5		11-13-0	7		1.5		1								
TOTAL		<del> </del>							Tota	al is the s	sum of e	ach c	olumn	separ	ately				
laly, is	No.			<u>Job</u>									1	Job	Times				-19. J
Formation N											_			Date		Time	Ti	ne Zo	ne
Formation D	epth	MD) I	Гор			Botte	om				d Out			Nov - 2		10:00		MST	
Form Type	<u> </u>		323.3 fl		HST			+-	1000 0		ocation	•		Nov - 2		17:00		MST	
Job depth M Water Depth			323.3 1			epth TVI		<del>                                     </del>	4323.3		Started			Nov - 2		21:00		MST	
Perforation I		(MD) F	rom		K III	Above F	loor	Ш.	2. ft		Comple			Nov - 2		22:30		MST	
· crioration	Jopan	(1010)	TOIL			110	L	v	Vell Da		rted Lo	C	13-1	Vov - 2	007	01:30	)	MST	
Description	on	New /	Ma	x S	ze	ID	Weig		ven Da	Thread		6-	i	<b>T</b> !	MD D	. 44	T	- D- 44	<b></b>
		Used			n	in	ibm	- ,		IIIIeau		Gra	ade	Top I	1	ottom MD	Top	Bott TV	
	į		psi	g	-		1								!	ft	ft	ft	
11 3/4" Surfa		Used		11	.75	11.	47		· · · · · · · · · · · · · · · · · · ·			J-	55		- 1 3	300.	1	1	
8 3/4" Open						8.75								300	). 4	325.	T		
5 1/2" Produ		New	distribution		.5	4.95	17					N-	80		43	323.3			
							iles/F	Ren	tal/3'"	Party (H	ES)	,	<del> </del>	·		· .	· .		
SHOE,FLOAT	F 4/2	9DD 2	2/4 CU		cript	tion							Qty		Depth		Supp	lier	
SHOE, FLOA	,3 1/2	OKD,2	3/4 50	PER SE	AL	7 (8 )						1	E	<u> </u>					
	<i>A</i>			T=						essorie									
Type	Size	Qty	Make	Depth		Type	Siz	e	Qty	Make	Depth		Тур	₽	Size		Qty	Mal	(e
Suide Shoe Ioat Shoe	5.5	1	UEC	4222.24		ker					 		Plug		5.5	1		HE	S
loat Collar	5.5	1	HES HES	4323.31		dge Plug	┼	1					om P					L	
nsert Float	V.U	-	TIES	72/0.9	Ret	attier	+			<del></del>			plug					1 1 1000	
tage Tool					1		-							ainer	5.5		1	HE	
					<del></del>		disce	llar	neous	Matorio		cen	tralize	18	5.5		25	HE	3
																			]
Selling Agt		T	Co	nc	1	Surfac			icous ,	Сог		Aci	d Type		A	Qty	1 6	onc	%

**RECEIVED** 

DEC 0 6 2007

DIV. OF OIL, GAS & MINING

# Cementing Job Summary

5			(\$1.50 kg ) dept seed to 1.50 kg , seed	julig (Karring)	- Flu	id Data	Keta Mijersi d	e week wa	r. 41.665.7	10 1 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
- 5	tage/Plug				tale prevat Since		allastr s			San	in Armonita	1 - S. A. Bar
Fluid #	Stage		Fluid N	Vame		Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/s
1	Gel Wate Poly-E-Fla					20.00	bbl	8.4	.0	.0	5.0	
2	Lead Cer	nent	CMT - STANDARD T (100012229)	YPE III - FI	INE	135.0	sacks	10.5	4.14	26.07	5.0	26.07
	10 lbm		GILSONITE, BULK (1	00003700	)	<del></del>		<del></del>				
	0.125 lbm		POLY-E-FLAKE (1012	216940)	******	***************************************						
	26.058 Ga	ı	FRESH WATER									
3	Tail Cem	ent	CMT - STANDARD T (100012229)	YPE III - FI	INE	175.0	sacks	13.5	1.74	8.08	5.0	8.08
	10 lbm	-	GILSONITE, BULK (1	00003700)	)			<del>i</del>		l		
	0.125 lbm		POLY-E-FLAKE (1012	216940)	····							
	8.084 Gal		FRESH WATER									
4	Displace	nent				99.00	bbl	8.33	.0	.0	5.0	
C	alculated	/alues	Pressu	res				V	olumes	#9\#4 125°	Armen Service	
Displa	cement	99.2	Shut In: Instant	1000	Lost Re	turns	YES	Cement SI	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	153.7	Pad	
Top Of	Cement	260	0 <b>5 Min</b>	1000	Cemen	t Returns	0	Actual Dis		ent 99.2	Treatm	ent
जिल्हित् <sub>य स्टिस्टर</sub>	radient	The Artistic	15 Min	and the second	Spacer	CONTRACTOR CONTRACTOR CONTRACTOR	120	Load and	Breakdov	wn	Total J	ob
	Carlotte and the second	5	Sept.	remains and		ates		4.48.78.5				
Circui	ent Left In		Mixing		5	Displac	ement	5		Avg. Ja	b	5
	ent Leit in Ring # 1 @		Amount 46.45 ft Rea		and the second page of the control of	Frac Rin	n # 3 @	ور ا		rac Ring f	440	ID
		· · · · · · · · · · · · · · · · · · ·	Stated Herein is (			er Represe				11 \ 13	1037	IL

# Cementing Job Log

The Road to Excellence Starts with Safety

<b>Sold To #:</b> 301599	Ship To #: 260	8129		Quote #:				s Order #: 5489664
Customer: XTO ENERGY IN	С	<del></del>			er Rep: JC			
Well Name: UP&L			: 16-7-3		·	AP	I/UWI #:	
	ty (SAP): UNKNO	WN C	ounty/F	arish: E	тегу		State:	: Utah
Legal Description:							wi	
Lat: N 0 deg. OR N 0 deg. 0 i				.ong: E	0 deg. OF	RE0 deg	. 0 min. 0	) secs.
Contractor: Frontier Drilling		'latform	Name/N	um: FR	ONTIER4		<del></del>	
Job Purpose: Cement Product						Ticket	Amount:	
Well Type: Development Well		Type: Ce						
Sales Person: KRUGER, ROI	BER! SIVE	Supervis	Marine Marine Company	ARING, I	KEN		D Emp #:	
Activity Description	Date/Time	Cht	Rate bbl/	Colored Colored	lume	the state of the state of	saure eig-	Comments
The second second	anguation and		rain	l 1	obl	11.00		
and the second second	Salara Salara		37178	Stage	Total	Tubing	Cooling	
Call Out	11/12/2007							
	10:00		***					
Pre-Convoy Safety Meeting	11/12/2007							
Crew Leave Yard	10:45 11/12/2007				ļ			
Clew Leave Faid	12:00							HAD MECHANICAL
	12.00							PROBLEMS WITH RCM, HAD
								MECHANICS WORK
								ON PONY MOTOR AND
	<b>!</b>							GOT FLAT ON
Arrive At Loc	44/40/0007							TRACTOR CHANGED.
Allive At Loc	11/12/2007 17:00							
Assessment Of Location	11/12/2007	-						WAIT FOR CASERS TO
Safety Meeting	17:05		İ					FINISH RUNNING
			j					CASING AND RIG
D. D. H. O. C. L.								DOWN.
Pre-Rig Up Safety Meeting	11/12/2007							
Other	19:00 11/12/2007							
Outer	19:10							SPOT EQUIPMENT.
Pre-Rig Up Safety Meeting	11/12/2007	++						
	19:25							
Rig-Up Equipment	11/12/2007							RIG UP IRON AND
	19:30				ĺ			PRIME UP PUMPS AND
Cofoty Manting Dec Lab	44400000							MIX GEL.
Safety Meeting - Pre Job	11/12/2007 20:35			İ				SAFETY MEETING
	20.35					1	İ	WITH RIG CREW AND
Pump Water	11/12/2007	<del>  -</del>						CO.MAN.
·	21:08		1					PUMP H2O TO FILL LINES.
Pressure Test	11/12/2007							TEST PUMPS AND
	21:12							LINES.
Pump Spacer	11/12/2007		4	100				START PUMPING H2O
	21:16							TO FILL CASING AND
		<u> </u>						GET CIRCULATION.

Sold To #: 301599

Ship To #:2608129

Quote #:

Sales Order #:

5489664

SUMMIT Version:

7.20.130

# Cementing Job Log

(16.30) 14.00 \$2.70 (18.70) 17.70 (18.70)	Date/Time	Rate Care Heat	Vo	lume .	Pressure	Campany ***
Activity Description	La Le Le Le Le Le Le Le Le Le Le Le Le Le	CANA DE LA CANADA TRANS	es all'all	ill ***	y psig	
er state of the st		<b>S</b> econdary of	Short	i reile		
Other	11/12/2007 21:23	6		25	60.0	INCREASE RATE.
Other	11/12/2007 21:33	6		90	260.0	SEE PRESSURE.
Returns To Surface	11/12/2007 21:34	6		95	260.0	
Pump Gel Pill	11/12/2007 21:35	4	20		210.0	START GEL SWEEP WITH POLY-E-FLAKE ADDED.
Pump Lead Cement	11/12/2007 21:45	5	99.5		210.0	START 10.5# LEAD CEMENT, 135sks, 99.5bbls, 4.14 YEILD.
Other	11/12/2007 22:00	5.5		80	90.0	LOST RETURNS.
Pump Tail Cement	11/12/2007 22:04	5	54.2		80.0	START 13.5# TAIL CEMENT, 175sks, 54.2bbls, 1.74 YEILD.
Shutdown	11/12/2007 22:17					END CEMENT, SHUT DOWN.
Clean Lines	11/12/2007 22:17					WASH PUMPS AND LINES TO THE PIT.
Drop Top Plug	11/12/2007 22:20					
Pump Displacement - Start	11/12/2007 22:21	7	99.2		70.0	START H2O DISPLACEMENT.
Other	11/12/2007 22:31	4	, , , , , , , , , , , , , , , , , , , ,	70	55.0	SLOW RATE.
Displ Reached Cmnt	11/12/2007 22:34	4		80	100.0	SEE CEMENT LIFT PRESSURE.
Other	11/12/2007 22:37	3		90	210.0	SLOW RATE.
Bump Plug	11/12/2007 22:39	3		99.2	400.0	BUMP PLUG AT 400psi.
Other	11/12/2007 22:39				1000. 0	PRESSURE 600psi OVER, SHUT DOWN.
Check Floats	11/12/2007 22:43					FLOATS HOLD.
Pre-Rig Down Safety Meeting	11/12/2007 22:50					
Rig-Down Equipment	11/12/2007 23:00					RIG IRON OFF OF FLOOR.
Safety Meeting	11/12/2007 23:15					
Other	11/12/2007 23:20					WASH UP RCM.
Pre-Rig Down Safety Meeting	11/13/2007 00:00					

Sold To #: 301599

Ship To #:2608129

Quote #:

Sales Order #:

5489664

SUMMIT Version:

7.20.130

# Cementing Job Log

Activity Description	Date/Time	Chr.	The second second		ume ibi		saure Elg.	Commercial
		#	min.	Stage	Total	Tubing	Casing	
Rig-Down Equipment	11/13/2007 00:10	7						RACK DOWN IRON.
Depart Location Safety Meeting	11/13/2007 01:15							
Crew Leave Location	11/13/2007 01:30							RELEASED BY CO.MAN-LEAVE LOCATION.

Sold To #: 301599

Ship To #:2608129

Quote #:

Sales Order # :

5489664

SUMMIT Version:

7.20.130



23.015.3072**0** 

**Drilling Services** 

165 TE 36

### FINAL SURVEYS

### **XTO ENGERY**

UP&L 16-7-36-24D

EMERY COUNTY, UTAH

WELL FILE: FINAL

**NOVEMBER 12, 2007** 

#### Weatherford International Ltd.

2690 Oil Drive Casper Wyoming,82604 USA +1.307.265.1413 Main +1.307.235.3958 Fax www.weatherford.com

DEC 1 0 2007

DIV. OF OIL, GAS & MINING

### XTOENERGY

### UP&L 16-7-36-24D 2390.37' FEL, 1258.25' FSL SEC. 36, T16S, R7E **EMERY COUNTY, UTAH**



TARGET DETAILS

Latitude Longitude Shape Northing Easting TVD +N/-S +E/-W

2116439.87 39°23'00.233N 111°05'16.968W Circle (Radius: 100) 382730.88 -463.94 -798.16 **PBHL** 4215.16

EXT. TD: Survey #1 (UP&L 16-7-36-24D/1)

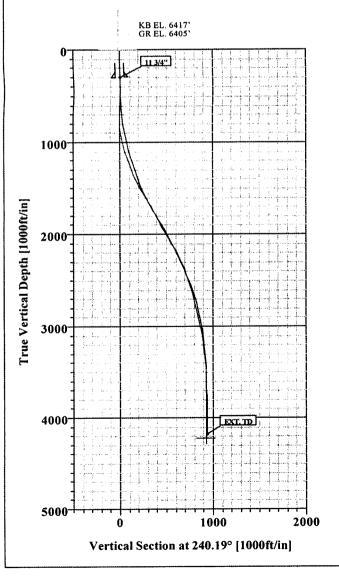
VSec +E/-W TFace MD TVD +N/-S DLeg 4179.84 -468.01 -817.02 0.00 0.00 941.57 42 4368.00 1.19 209.57

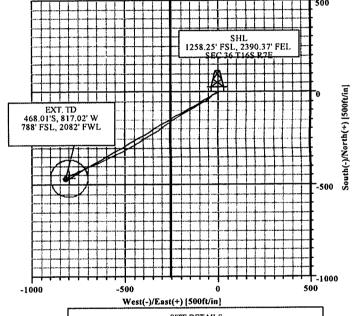


Azimuths to Grid North True North: -0.27° Magnetic North: 11.82°

Magnetic Field Strength: 52165nT Dip Angle: 65.15° Date: 10/9/2007 Model: bggm2006

TOTAL CORRECTION TO GRID NORTH: 11.82°





#### SITE DETAILS

UP&L 16-7-36-24D Sec. 36, T16S, R7E 2390.37' FEL, 1258.35' FSL

Site Centre Latitude: 39°23'04.782N Longitude: 111°05'06.775W

Ground Level: 6405.00 Positional Uncertainty: 0.00 Convergence: 0.27

#### FIELD DETAILS

#### EMERY COUNTY UTAH

Geodetic System: US State Plane Coordinate System 1927 Ellipsoid: NAD27 (Clarke 1866) Zone: Utah, Central Zone Magnetic Model: bggm2006

System Datum: Mean Sea Level Local North: Grid North

Survey: Survey #1 (UP&L 16-7-36-24D/1)

Created By: ROBERT SCOTT

Date: 11/12/2007

# Weatherford International, Ltd.

### **Survey Report**

Company: XTO ENERGY

**EMERY COUNTY UTAH** 

UP&L 16-7-36-24D

Well: UP&L 16-7-36-24D Wellpath:

Field:

Site:

Date: 11/12/2007

Time: 09:47:55

Page:

Co-ordinate(NE) Reference: Vertical (TVD) Reference:

Survey Calculation Method:

SITE 6417.0

Well: UP&L 16-7-36-24D, Grid North

Section (VS) Reference: Well (0.00N,0.00E,240.19Azi)

Minimum Curvature

Db: Sybase

**EMERY COUNTY UTAH** Field:

Map System: US State Plane Coordinate System 1927

Geo Datum: NAD27 (Clarke 1866) Sys Datum: Mean Sea Level

Map Zone:

Utah, Central Zone

Coordinate System: Well Centre

Geomagnetic Model:

bggm2006

Site:

UP&L 16-7-36-24D

Sec. 36, T16S, R7E

2390.37' FEL, 1258.35' FSL

Site Position: Geographic From: Position Uncertainty:

0.00 ft 6405.00 ft Northing: 383194.83 ft 2117238.03 ft Easting:

Latitude: Longitude: 39 23

4.782 N 6.775 W

North Reference: **Grid Convergence:**  Grid 0.27 deg

Well: UP&L 16-7-36-24D

Ground Level:

Well Position:

Wellpath:

Current Datum:

Magnetic Data:

Field Strength:

Vertical Section:

+N/-S

SITE

0.00 ft Northing: 0.00 ft Easting:

383194.83 ft 2117238.03 ft

Height 6417.00 ft

+N/-S

ft

0.00

Latitude: Longitude:

Slot Name:

39 23 4.782 N 6.775 W 111

+E/-W **Position Uncertainty:** 

0.00 ft

52165 nT

10/9/2007

Depth From (TVD)

0.00

**Drilled From:** 

Tie-on Depth: 0.00 ft Above System Datum: Mean Sea Level

Declination: Mag Dip Angle: 12.08 deg 65.15 deg

+E/-W ft

Direction deg

0.00

240.19

Survey:

Survey #1

Start Date:

11/12/2007

Weatherford International, Ltd Company: MWD;MWD - Standard Tool:

Engineer:

ROBERT SCOTT

Tied-to:

From Surface

Survey: Survey #1

MD	Incl	Azim	TVD	+N/-S	+E/-W	VS ft	DLS	Build	Turn	Tool/Comment
ft	deg	deg	ft	ft	ft	π	deg/100f	t deg/1001	t deg/100ft	
0.00	0.00	239.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
559.00	0.25	228.32	559.00	-0.81	-0.91	1.19	0.04	0.04	0.00	MWD
653.00	0.25	225.45	653.00	-1.09	-1.21	1.59	0.01	0.00	-3.05	MWD
735.00	0.13	192.95	735.00	-1.31	-1.36	1.83	0.19	-0.15	-39.63	MWD .
819.00	3.61	237.42	818.94	-2.82	-3.61	4.54	4.19	4.14	52.94	MWD
911.00	8.44	237.45	910.40	-8.02	-11.75	14.18	5.25	5.25	0.03	MWD
1004.00	11.63	234.57	1001.97	-17.13	-25.14	30.33	3.47	3.43	-3.10	MWD
1095.00	15.40	235.34	1090.43	-29.32	-42.56	51.50	4.15	4.14	0.85	MWD
1187.00	18.81	237.07	1178.35	-44.34	-65.06	78.49	3.75	3.71	1.88	MWD
1280.00	21.75	238.45	1265.58	-61.51	-92.34	110.69	3.20	3.16	1.48	MWD
1375.00	24.19	238.70	1353.04	-80.83	-123.97	147.75	2.57	2.57	0.26	MWD
1471.00	26.94	238.45	1439.63	-102.43	-159.32	189.16	2.87	2.86	-0.26	MWD
1566.00	29.56	237.32	1523.31	-126.35	-197.39	234.08	2.81	2.76	-1.19	MWD
1661.00	30.44	236.57	1605.58	-152.26	-237.20	281.50	1.01	0.93	-0.79	MWD
1756.00	31.18	235.68	1687.17	-179.38	-277.59	330.04	0.91	0.78	-0.94	MWD
1852.00	30.81	238.45	1769.47	-206.26	-319.07	379.39	1.53	-0.39	2.89	MWD
1948.00	30.06	240.07	1852.24	-231.12	-360.86	428.00	1.16	-0.78	1.69	MWD
2044.00	30.50	240.07	1935.15	-255.27	-402.81	476.41	0.46	0.46	0.00	MWD
2139.00	27.94	238.57	2018.05	-278.91	-442.70	522.77	2.80	-2.69	-1.58	MWD
2234.00	25.20	239.97	2103.01	-300.64	-479.21	565.25	2.96	-2.88	1.47	MWD
2330.00	25.19	240.32	2189.88	-320.99	-514.65	606.12	0.16	-0.01	0.36	MWD
2426.00	23.56	245.45	2277.33	-339.08	-549.86	645.66	2.78	-1.70	5.34	MWD
2521.00	23.19	241.95	2364.54	-355.76	-583.64	683.27	1.51	-0.39	-3.68	MWD
2616.00	21.06	243.44	2452.54	-372.19	-615.42	719.01	2.32	-2.24	1.57	MWD

# Weatherford International, Ltd.

### **Survey Report**

Company: XTO ENERGY

Field: Site:

Date: 11/12/2007 Co-ordinate(NE) Reference:

Time: 09:47:55

Well: UP&L 16-7-36-24D, Grid North

EMERY COUNTY UTAH UP&L 16-7-36-24D

Vertical (TVD) Reference:

SITE 6417.0

Minimum Curvature

Well (0.00N,0.00E,240.19Azi)

Db: Sybase

UP&L 16-7-36-24D Well: Wellpath: 1

Section (VS) Reference: Survey Calculation Method:

Survey: Survey #1

Survey: S	urvey#1									
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
2710.00	18.98	247.32	2540.86	-385.64	-644.63	751.04	2.62	-2.21	4.13	MWD
2805.00	16.50	249.82	2631.33	-396.25	-671.55	779.68	2.73	-2.61	2.63	MWD
2902.00	14.31	248.94	2724.84	-405.31	-695.67	805.11	2.27	-2.26	-0.91	MWD
2994.00	12.31	248.82	2814.37	-412.94	-715.43	826.05	2.17	-2.17	-0.13	MWD
3090.00	11.13	245.45	2908.36	-420.49	-733.40	845.39	1.42	-1.23	-3.51	MWD
3185.00	11.49	245.28	3001.52	-428.26	-750.33	863.95	0.38	0.38	-0.18	MWD
3280.00	10.31	244.70	3094.80	-435.85	-766.62	881.85	1.25	-1.24	-0.61	MWD
3378.00	7.94	242.69	3191.56	-442.70	-780.56	897.36	2.44	-2.42	-2.05	MWD
3471.00	6.50	240.07	3283.82	-448.28	-790.83	909.04	1.59	-1.55	-2.82	MWD
3567.00	4.81	243.57	3379.35	-452.78	-799.14	918.49	1.80	-1.76	3.65	MWD
3661.00	3.72	237.36	3473.09	-456.18	-805.24	925.47	1.26	-1.16	-6.61	MWD
3756.00	1.31	227.70	3567.99	-458.57	-808.64	929.61	2.57	-2.54	-10.17	MWD
3852.00	1.19	217.82	3663.96	-460.10	-810.06	931.60	0.26	-0.12	-10.29	MWD
3947.00	1.31	191.95	3758.94	-461.94	-810.89	933.24	0.60	0.13	-27.23	MWD
4052.00	1.94	266.08	3863.91	-463.24	-812.92	935.64	1.93	0.60	70.60	MWD
4137.00	1.00	209.95	3948.88	-463.98	-814.72	937.57	1.90	-1.11	-66.04	MWD
4232.00	1.19	209.57	4043.87	-465.55	-815.62	939.14	0.20	0.20	-0.40	MWD .
4368.00	1.19	209.57	4179.84	-468.01	-817.02	941.57	0.00	0.00	0.00	MWD



# **Drilling Services**

# **FINAL SURVEYS**

### **XTO ENGERY**

UP&L 16-7-36-24D

**EMERY COUNTY, UTAH** 

WELL FILE: FINAL

**NOVEMBER 12, 2007** 

#### Weatherford International Ltd.

2690 Oil Drive Casper Wyoming,82604 USA +1.307.265.1413 Main +1.307.235.3958 Fax www.weatherford.com

DEC 1 4 2007

### XTOENERGY

### UP&L 16-7-36-24D 2390.37' FEL, 1258.25' FSL SEC. 36, T16S, R7E **EMERY COUNTY, UTAH**



#### TARGET DETAILS

Name PBHL

TVD 4215.16

42

+N/-S -463.94

+E/-W -798 16

1.19

Northing 382730.88

Easting 2116439.87 Latitude

Longitude Shape

39°23'00.233N 111°05'16.968W Circle (Radius: 100)

EXT. TD: Survey #1 (UP&L 16-7-36-24D/1)

No MD Inc 4368,00

Αz TVD 209.57 4179.84

+N/-S -468.01

+E/-W -817.02 DLeg 0.00

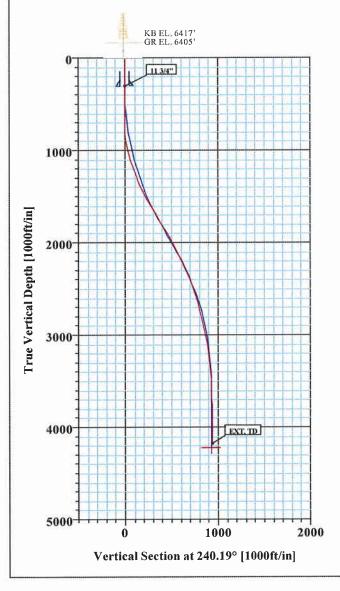
0.00

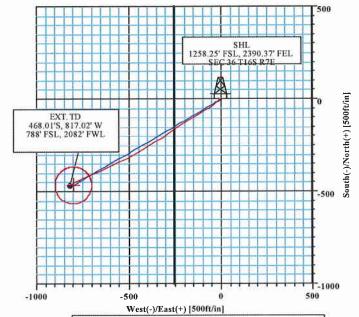
TFace

VSec 941.57

Azimuths to Grid North True North: -0.27° Magnetic North: 11.82° Magnetic Field Strength: 52165nT Dip Angle: 65.15° Date: 10/9/2007 Model: bggm2006

#### TOTAL CORRECTION TO GRID NORTH: 11.82°





#### SITE DETAILS

UP&L 16-7-36-24D Sec. 36, T16S, R7E 2390,37' FEL, 1258.35' FSL

Site Centre Latitude: 39°23'04.782N Longitude: 111°05'06.775W

Ground Level: 6405 00 Positional Uncertainty: 0.00 Convergence: 0.27

#### FIELD DETAILS

#### EMERY COUNTY UTAH

Geodetic System: US State Plane Coordinate System 1927 Ellipsoid: NAD27 (Clarke 1866) Zone: Utah, Central Zone Magnetic Model: bggm2006

System Datum: Mean Sea Level Local North: Grid North

Survey: Survey #1 (UP&L 16-7-36-24D/1)

Created By: ROBERT SCOTT

Date: 11/12/2007

### Weatherford International, Ltd.

### **Survey Report**

Company: XTO ENERGY Field:

**EMERY COUNTY UTAH** 

UP&L 16-7-36-24D Site: UP&L 16-7-36-24D Well:

Wellpath:

Date: 11/12/2007

Co-ordinate(NE) Reference:

Survey Calculation Method:

Time: 09:47:55 Page: Well: UP&L 16-7-36-24D, Grid North

SITE 6417.0 Vertical (TVD) Reference: Section (VS) Reference:

Well (0.00N,0.00E,240.19Azi) Minimum Curvature

Db: Sybase

1

Field:

**EMERY COUNTY UTAH** 

Map System: US State Plane Coordinate System 1927

Geo Datum: NAD27 (Clarke 1866) Sys Datum: Mean Sea Level

Map Zone:

Utah, Central Zone Well Centre

Coordinate System: Geomagnetic Model: bggm2006

Site:

UP&L 16-7-36-24D

Sec. 36, T16S, R7E 2390.37' FEL, 1258.35' FSL

Site Position:

From: Geographic

Position Uncertainty:

**Ground Level:** 

0.00 ft 6405.00 ft Northing: 383194.83 ft Easting:

2117238.03 ft

Latitude: Longitude:

Slot Name:

39 111 5

23 4.782 N 6.775 W Grid

North Reference: **Grid Convergence:** 

0.27 deg

Well:

UP&L 16-7-36-24D +N/-S

0.00 ft Northing: 0.00 ft Easting:

383194.83 ft 2117238.03 ft Latitude:

**Drilled From:** 

Tie-on Depth:

23 4.782 N 39

+E/-W **Position Uncertainty:** 

0.00 ft

Longitude:

6.775 W 111 5

Wellpath:

Well Position:

**Current Datum:** Magnetic Data:

SITE

10/9/2007

Field Strength: Depth From (TVD) Vertical Section:

52165 nT

Height 6417.00 ft

ft

Above System Datum: Declination: Mag Dip Angle: +N/-S

+E/-W ft

Surface 0.00 ft

Mean Sea Level 12.08 deg 65.15 deg

Direction deg

240.19

0.00 0.00 0.00

Survey:

Tool:

Company:

Survey #1

Weatherford International, Ltd

MWD; MWD - Standard

Start Date: Engineer:

Tied-to:

11/12/2007

ROBERT SCOTT From Surface

Survey: Survey #1

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W	VS ft	DLS dea/100f	Build t deg/100	Turn ft deg/100ft	Tool/Comment
0.00	0.00	239.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
559.00	0.25	228.32	559.00	-0.81	-0.91	1.19	0.04	0.04	0.00	MWD
653.00	0.25	225.45	653.00	-1.09	-1.21	1.59	0.01	0.00	-3.05	MWD
735.00	0.13	192.95	735.00	-1.31	-1.36	1.83	0.19	-0.15	-39.63	MWD ·
819.00	3.61	237.42	818.94	-2.82	-3.61	4.54	4.19	4.14	52.94	MWD
911.00	8.44	237.45	910.40	-8.02	-11.75	14.18	5.25	5.25	0.03	MWD
1004.00	11.63	234.57	1001.97	-17.13	-25.14	30.33	3.47	3.43	-3.10	MWD
1095.00	15.40	235.34	1090.43	-29.32	-42.56	51.50	4.15	4.14	0.85	MWD
1187.00	18.81	237.07	1178.35	-44.34	-65.06	78.49	3.75	3.71	1.88	MWD
1280.00	21.75	238.45	1265.58	-61.51	-92.34	110.69	3.20	3.16	1.48	MWD
1375.00	24.19	238.70	1353.04	-80.83	-123.97	147.75	2.57	2.57	0.26	MWD
1471.00	26.94	238.45	1439.63	-102.43	-159.32	189.16	2.87	2.86	-0.26	MWD
1566.00	29.56	237.32	1523.31	-126.35	-197.39	234.08	2.81	2.76	-1.19	MWD
1661.00	30.44	236.57	1605.58	-152.26	-237.20	281.50	1.01	0.93	-0.79	MWD
1756.00	31.18	235.68	1687.17	-179.38	-277.59	330.04	0.91	0.78	-0.94	MWD
1852.00	30.81	238.45	1769.47	-206.26	-319.07	379.39	1.53	-0.39	2.89	MWD
1948.00	30.06	240.07	1852.24	-231.12	-360.86	428.00	1.16	-0.78	1.69	MWD i
2044.00	30.50	240.07	1935.15	-255.27	-402.81	476.41	0.46	0.46	0.00	MWD
2139.00	27.94	238.57	2018.05	-278.91	-442.70	522.77	2.80	-2.69	-1.58	MWD
2234.00	25.20	239.97	2103.01	-300.64	-479.21	565.25	2.96	-2.88	1.47	MWD
2330.00	25.19	240.32	2189.88	-320.99	-514.65	606.12	0.16	-0.01	0.36	MWD
2426.00	23.56	245.45	2277.33	-339.08	-549.86	645.66	2.78	-1.70	5.34	MWD
2521.00	23.19	241.95	2364.54	-355.76	-583.64	683.27	1.51	-0.39	-3.68	MWD
2616.00	21.06	243.44	2452.54	-372.19	-615.42	719.01	2.32	-2.24	1.57	MWD

# Weatherford International, Ltd. **Survey Report**

 Company:
 XTO ENERGY

 Field:
 EMERY COUNTY UTAH

 Site:
 UP&L 16-7-36-24D

 Well:
 UP&L 16-7-36-24D

Wellpath: 1

Date: 11/12/2007 T Co-ordinate(NE) Reference:

Time: 09:47:55 Page: :: Well: UP&L 16-7-36-24D, Grid North SITE 6417.0

Vertical (TVD) Reference:

Section (VS) Reference: Survey Calculation Method:

Well (0.00N,0.00E,240.19Azi)
Minimum Curvature Db: Sybase

Survey:	Survey #1									
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100f	Build t deg/100	Turn ft deg/100ft	Tool/Comment
2710.00	18.98	247.32	2540.86	-385.64	-644.63	751.04	2.62	-2.21	4.13	MWD
2805.00	16.50	249.82	2631.33	-396.25	-671.55	779.68	2.73	-2.61	2.63	MWD
2902.00	14.31	248.94	2724.84	-405.31	-695.67	805.11	2.27	-2,26	-0.91	MWD
2994.00	12.31	248.82	2814.37	-412.94	-715.43	826.05	2.17	-2.17	-0.13	MWD
3090.00	11.13	245.45	2908.36	-420.49	-733.40	845.39	1.42	-1.23	-3.51	MWD
3185.00	11.49	245.28	3001.52	-428.26	-750.33	863.95	0.38	0.38	-0.18	MWD
3280.00	10.31	244.70	3094.80	-435.85	-766.62	881.85	1.25	-1.24	-0.61	MWD
3378.00	7.94	242.69	3191.56	-442.70	-780.56	897.36	2.44	-2.42	-2.05	MWD
3471.00	6.50	240.07	3283.82	-448.28	-790.83	909.04	1.59	-1.55	-2.82	MWD
3567.00	4.81	243.57	3379.35	-452.78	-799.14	918.49	1.80	-1.76	3.65	MWD
3661.00	3.72	237.36	3473.09	-456.18	-805.24	925.47	1.26	-1.16	-6.61	MWD
3756.00	1.31	227.70	3567.99	-458.57	-808.64	929.61	2.57	-2.54	-10.17	MWD
3852.00	1.19	217.82	3663.96	-460.10	-810.06	931.60	0.26	-0.12	-10.29	MWD
3947.00	1.31	191.95	3758.94	-461.94	-810.89	933.24	0.60	0.13	-27.23	MWD
4052.00	1.94	266.08	3863.91	-463.24	-812.92	935.64	1.93	0.60	70.60	MWD
4137.00	1.00	209.95	3948.88	-463.98	-814.72	937.57	1.90	-1.11	-66.04	MWD
4232.00	1.19	209.57	4043.87	-465.55	-815.62	939.14	0.20	0.20	-0.40	MWD
4368.00	1.19	209.57	4179.84	-468.01	-817.02	941.57	0.00	0.00	0.00	MWD

FORM 9 STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 8. WELL NAME and NUMBER: 1. TYPE OF WELL OIL WELL GAS WELL 🗸 OTHER UP&L 16-7-36-24D 9. API NUMBER: 2. NAME OF OPERATOR: 4301530729 XTO ENERGY INC. 10. FIELD AND POOL, OR WILDCAT: 3. ADDRESS OF OPERATOR: PHONE NUMBER: 382 CR 3100 STATE NM 210 87410 (505) 333-3100 **BUZZARD BENCH/FERRON SS AZTEC** 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1258' FSL & 2390' FEL COUNTY: EMERY QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 36 16S 7E STATE: UTAH CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF SUBMISSION TYPE OF ACTION REPERFORATE CURRENT FORMATION ACIDIZE DEEPEN NOTICE OF INTENT (Submit in Duplicate) ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON Approximate date work will start: CASING REPAIR **NEW CONSTRUCTION** CHANGE TO PREVIOUS PLANS OPERATOR CHANGE TUBING REPAIR CHANGE TUBING PLUG AND ABANDON VENT OR FLARE SUBSEQUENT REPORT WATER DISPOSAL CHANGE WELL NAME PLUG BACK (Submit Original Form Only) WATER SHUT-OFF CHANGE WELL STATUS PRODUCTION (START/RESUME) Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: MONTHLY 1/10/2008 REPORTING CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, violumes, etc. Attached is XTO Energy's monthly report for the period of 10/05/2007 to 01/10/2008. NAME (PLEASEPRINT)\_DOLENA JOHNSON OFFICE CLERK TITLE 1/15/2008

(This space for State use only)

SIGNATURE

RECEIVED

JAN 18 2008

## Farmington Well Workover Report

UP&L		Well # 16-7-36-24D	FERRON
Objective:	Drill & Complete		
First Report:	10/28/2007		
AFE:	711516		
10/29/07	Notified Bart Kittle, (State of Utah, Price, Utah new loc, acc road & res pit. Lnd res pit. Susp rp		n Power) on 10/10/07 regarding pending construction. Built
11/14/07	Wellview has all drilling detail and accumulate	d cost.	
11/20/07	Cont rpt for AFE #711516 to D&C Ferron Coa showed gd to excl cmt bond fr/4,258' to 2,450'	1. MIRU Schlumberger WL w/ma TOC. LD logging tls. RDMO WL	st tk. Run GR/CCL/CBL fr/4,258' - 1,900' fr/surf. Log Susp rpts to further activity.

**EMERY** 

UP & L 16-7-36-24D

SWSE, Sec 36, T16S, R7E LOCATION:

CONTRACTOR: Frontier Drilling, 4 WI %:

AFE#:

711516

API#: 43015307290000 DATE FIRST RPT: 10/22/2007

10/22/2007 DATE: OPERATION: Rig Move

DFS: -2.65MW:

VISC:

Footage Made: Measured Depth:

WOB.

RPM: DMC:

CMC:

18 425 00

CWC:

18,425.00

(12.00) Move Equipment from Last Location Until Dark. (12.00) W/O Daylight to Install 8' Covert & Rig Up. TIME DIST:

DATE:

10/23/2007

OPERATION: Finish Spotting Equipment & Rig Up

DFS:

-1.65 Footage Made:

VISC:

Measured Depth:

DWC:

MW: WOB:

RPM:

CMC: DMC:

20,575.00

(12.00) Install Covert & Rig Up. (12.00) W/O daylight to Finish Spotting Equipment.

DATE: 10/24/2007

OPERATION: Rig Up

DFS: 0.65 Footage Made: VISC:

Measured Depth:

MW: WOB:

DMC;

TIME DIST:

RPM:

CMC:

DWC:

19.525.00

CWC:

58.525.00

39,000.00

(24.00) Rig Up & Work On Loc Build Burn Pitt TIME DIST:

DATE: 10/25/2007 OPERATION: Drilling

DFS:

0.35

Footage Made: 64 44 Measured Depth: 150

MW:

8.6

VISC:

60 WOB: 0 RPM:

DMC;

CMC:

119,758.56

cwc:

CWC:

178 283 56

DWC: (3.00) Rig up. (9.00) Weld on 20" flange & NU flowline. (3.00) PU 14-3/4" BHA #1. (1.00) DO cmt inside conductor f/ 63' to TIME DIST:

86', (1.00) Jet shale pit. (7.00) Drill new form f/ 86' to 150'.

DATE:

OPERATION: WO HES

DFS:

1.35

Footage Made: VISC:

Measured Depth: 350

MW: WOB: DMC:

10

RPM:

80

DWC:

36,708.74

42.2

10/26/2007

CMC:

42.2

CWC: 214,992.30

TIME DIST:

(6.00) Drill 14-3/4" surface hole 150' to 243'. (0.50) Service rig. (10.50) Drill new form f/ 243' to 350' TD. (1.00) Circ f/ surface casing & drop TOTCO. (1.50) TOH & LD BHA #1 1 deg @ 288'. (1.00) Waiting on casing crew. (2.50) Ran & landed 8 jts ( 345.73') 11-3/4". 42 #, H-40, ST&C, new ERW csg @ 343.48' w/ insert float valve @ 299.38'. (1.00) WO HALLIBURTON.

Last of 6

10/27/2007

OPERATION: WO WELDERS Monson

0 Footage Made:

Measured Depth: 350

DFS: MW: WOB: 2.35

VISC: RPM:

98.13<sup>t</sup>

5100 DWC:

61.419.56

cwc:

276,411.86

DMC: TIME DIST:

55.93

(8.00) WO HES cmt & bulk truck. (1.50) Cmt surf casing. (14.50) WOC surface cmt.

10/28/2007 DATE:

OPERATION: NU BOPE DFS: 3.35

Footage Made:

Measured Depth: 350

VISC:

CMC:

23.70:

MW. WOB: DMC:

RPM: CMC:

98.13

DWC:

24,900.00

CWC:

301,311.86

```
TIME DIST:
              (3.00) WO welders. (21.00) NU BOPE.
DATE:
              10/29/2007
OPERATION: NU BOPE
                                                                 Measured Depth: 350
DFS:
              4.35
                               Footage Made:
MW:
                               VISC:
                               RPM:
WOB:
                                                                 DWC:
                                                                                  24,900.00
                                                                                                    CWC:
                                                                                                              326,211.86
                                                98.13
DMC:
                               CMC:
TIME DIST:
               (3.50) NU BOPE. (9.50) Fish & recover 8# hammer @ 299hKBswl.8" magnet. (11.00) NU BOPE.
                                                                  CW.
                                                                  59 ÷
              10/30/2007
DATE:
OPERATION: NU BOPE
                                                                 Measured Depth: 350
DFS:
              5.35
                               Footage Made:
MW:
                               VISC:
WOB:
                               RPM:
                               CMC:
                                                98.13
                                                                  DWC:
                                                                                   20,820.00
                                                                                                    CWC:
                                                                                                              347,031.86
DMC:
               (24.00) NU BOPE
TIME DIST:
DATE:
              10/31/2007
              WO FITTINGS f/ GAS BUSTER & FLOWLINE
OPERATION:
                               Footage Made:
                                                                  Measured Depth: 350
DFS:
              6.35
                               VISC:
MW:
WOB:
                               RPM:
                                                                                                    CWC:
                                                                                                              372,987.86
                                                                                   25.956.00
                               CMC:
                                                98.13
                                                                  DWC:
DMC:
               (9.00) Finished NU BOP stack & choke maniford. (15.00) WO fitting f/ gas buster & flowline.
TIME DIST:
DATE:
              11/1/2007
              NU GAS BUSTER & FLOWLINE
OPERATION:
                               Footage Made:
                                                0
                                                                 Measured Depth: 350
              7.35
DFS:
                               VISC:
MW:
                               RPM:
WOB:
                                                                                   35,853.00
                                                                                                    CWC:
                                                                                                              408,840.86
                                                98.13
                                                                 DWC:
                               CMC:
DMC:
               (3.00) WO fittings. (8.00) Start nippling up gas buster & flowline. (13.00) WO fittings & pipe.
TIME DIST:
                                                                  FAC.
                                                  : :3
              11/2/2007
DATE:
                                                  Bir hammar @ 299/Kasa f
              INSTALLING PRE-FABRICATED EQUIP
OPERATION:
                                                                  Measured Depth: 350
              8.35
                               Footage Made:
                                                0
DFS:
                                VISC:
MW:
                                RPM:
WOB:
                                                                                   25,580.00
                                                                                                    CWC:
                                                                                                              434,420.86
                                                                  DWC:
                                CMC:
                                                 98.13
DMC:
               (3.00) WO fittings & pipe. (12.00) All fittings & pipe delivered. Prefabricated gas buster & flowline assemblies. (9.00) Installed
TIME DIST:
              pre-fabed assemblies.
              11/3/2007
DATE:
OPERATION: PU BHA #2
                                                                  Measured Depth: 350
DFS:
                                Footage Made:
              9.35
MW:
                               VISC:
                                RPM:
WOB:
                                                                                                              461,039.86
                                                                  DWC:
                                                                                   26,619.00
                                                                                                    CWC:
                                CMC:
                                                 2,750.01
DMC:
              2.651.88
               (7.00) NU gas buster & blooie line. (7.00) WELLCHECK tested BOPE to 1400 psi Hi f/ 10 mins & 250 psi Lo f/ 10 mins &
TIME DIST:
              casing to 1400 psi f/ 30 mins & 250 psi Lo f/ 5 mins, OK. (10.00) Finished NU bloole line & gas buster.
DATE:
              11/4/2007
OPERATION:
              DRILLING
                                                                  Measured Depth: 534
                                                 184
DFS:
              10.35
                                Footage Made:
MW:
              8.8
                                VISC:
                                                 43
                                RPM:
                                                 68
WOB:
              20
                                                 2,750.01
                                                                  DWC:
                                                                                   53,304.00
                                                                                                    CWC:
                                                                                                              514,343.86
                                CMC:
DMC:
               (2.00) TIH w/ 252.27 BHA #2 to TOC @ 299 (6.00) Build mud system. (4.00) DO wiper plug. Insert float valve, cmt & shoe f/
TIME DIST:
              299' to 350'. (13,00) Drill new form f/ 350' to. --
              11/5/2007
DATE:
                                                                  MIK
              TIH
OPERATION:
                                                     Measured Depth: 800
                                                 266
```

DFS:

MW:

WOB:

11.35

8.7

28

Footage Made: VISC:

RPM:

40

65

MOLES

3,481.01 DWC: DMC: CMC: 24,609.00 CWC: 538,952.86 (9.00) Drill vertical hole to 800'. (0.50) Service rig & BOP drill. (6.50) Drill verticle hole from 688' to 800' KOP @ 22:00 hrs TIME DIST: 11/4/2007. (0.50) Circ f/ BHA change. (1.00) TOH. (5.00) LD slick BHA #2 & PU steerable BHA #3, (1.50) TIH w/ BHA #1 on 4 11/6/2007 DATE: OPERATION: DRILLING DFS: 12.35 Footage Made: 598 Measured Depth: 1,398 MW: 9 VISC: 38 WOB: 10 RPM: 0 CMC: DWC: 50.561.00 CWC: DMC: 1 406 36 4.887.37 589 513 86 TIME DIST: (1.00) TIH w/ Weatherford directional tools. (9.00) Rotate & slide f/ 800' to 1,030'. (0.50) Service rig & BOP Drill. (13.50) Rotate & slide drill f/ 1,030' to 1,398'. DATE: 11/7/2007 Fi. 9. OPERATION: DRILLING DFS: 13.35 Footage Made: 703 Measured Depth: 2,101 VISC: MW: 8.7 WOB: 10 RPM:  $\mathcal{N}_{\mathbf{N}} \cdot \mathcal{N}$ 0 CWC: DMC: CMC: 4,887.37m at @ 2.9 DWC: 57,630,00 647.143.86 (9.50) Rotate & slide drill f/ 1,398' to 1,687'. (0.50) Service ng function test pipe rams. (14.00) Rotate & slide drill f/ 1,687' to TIME DIST: 2,101. 11/8/2007 DATE: OPERATION: DRILLING DFS: 14.35 Footage Made: 667 Measured Depth: 2,768 MW: 8.6 VISC: 40 BPM. 0 WOB: 10 DMC: CMC: 4,887.37 DWC: 42,515.00 CWC: 689,658.86 (9.50) Rotate & slide drill. (0.50) Service rig, function test pipe rams & BOP drill. (14.00) Rotate & slide drill 0% LCM 328 TIME DIST: gpm 3% KCL mud & 1,300 cfm air w/ foamer. DATE: 11/9/2007 OPERATION: DRILLING DFS: 15.35 664 Measured Depth: 3,432 Footage Made: 38 MW: 8.7 VISC: WOB: RPM: 60 10 CMC: 4,887.37 DWC: 47,638.00 CWC: 737,296.86 DMC: (8.00) Slide & rotate drill f/ 2,657' to 3,021'. (0.50) Service rig. (15.50) Slide & rotate drill f/ 3,021' to 3,432'. TIME DIST: DATE: 11/10/2007 OPERATION: DRILLING DFS: 16.35 Footage Made: 496 Measured Depth: 3,928 8.7 VISC: 39 MW: RPM: 55 WOB: 10 DWC: 46,521.00 CWC: DMC: CMC: 4,887.37 783 817 86 (10.50) Slide & rotate drill. (0.50) Service rig & function test BOP pipe rams. (13.00) Slide & rotate drill. TIME DIST: Q3717... DMS: (0.50) Service<sup>(1</sup>∂) 11/11/2007 DATE: OPERATION: DRILLING DFS: 17.35 387 Measured Depth: 4,315 Footage Made:

VISC: MW:

WOB: RPM:

55 CMC: 4,887.37 DMC:

(10.50) Slide & rotate drill f/ 3,928 to 4,068. (0.50) Service rig & function test BOP pipe rams. (6.50) Slide & rotate drill f/ 4,068 TIME DIST:

DWC:

Measured Depth: 4,325

39,732.00

CWC:

823,549.86

to 4,150. (1.00) Clean out "YELLOW DOG" suction. (5.50) Slide & rotate drill f/ 4,150 to 4,315.

a 27 504 B DATE: 11/12/2007

OPERATION: LD DRILL PIPE DFS: 18.35 Footage Made: 10

MW: VISC:

WOB: RPM: 60 15

cwc. CMC: 4,887.37 DWC: 67,202,00 890.751.86 DMC:

ag Armillotion (+st 50)

TIME DIST:

(0.50) Rotate drill f/ 4,315 to 4,325 TD. (2.50) Condition mud & circ...pump pill. (4.00) Short trip 20 stgs up to 2,583...wait 90 mins...trip back to bottom, no fill. (1.50) Trip out to 2,583 ff logs. (0.50) Build mud volume...50 visc..pump down annulus... no fill-up. (0.50) Trip out to 2,503. (2.50) Build 50 visc mud volume...pump dow drillpipe & break circ. (2.50) TOH ff logs. (1.50) LD Weatherford directional tools. (5.50) RU Schlümberger & run PLATFORM EXPRESS Litho Density / Comp Neutron Gamma Ray / High Resolution Laterolog Arrary / Caliper logs f/ 4,323' LTD to 342'. (2.50) LD HWDP.

DATE:

11/13/2007

19.35

OPERATION: RIGGING DOWN

Footage Made:

Measured Depth: 4,325

DFS: NW:

VISC:

WOB:

RPM: CMC:

4.887.37

DWC:

60,948.00

CWC:

951,699,86

DMC: TIME DIST:

(5.50) LD 4-1/2" HWDP. (2.50) LD 4" DP. (0.25) SAFETY MEETING. (4.50) Ran & landed 97 jts (4,323.31') 5-1/2", 17#, I-80, LT&C, new casing @ 4,320.50' w/ float shoe @ 4,319.50', float collar @ 4,274.05' & Marker Joint @ 3,861,57. (4.25) HES cmt'd 5-1/2" prod csg w/ 135 sks CBM LIGHT TYPE III mixed @ 10.5 ppg f/g 175 sks CBM LIGHT Type III mixed @ 13 ppg & displaced w/ 99.2 BFW @ 7 3 BPM @ 70 - 400 psi. Bumped plug w/ 1000 psi. Released press @ 22:43 hrs 11/12/2007. NO CMT TO SURFACE. Lost returns w/ 80 bbls LEAD cmt gone and never regained returns. CIP & JC @ 22:43 hrs 11/12/2007. RD HES @ 23:00 hrs 11/12/2007. (4.00) Raised BOP equip & set 5-1/2" slips w/ 80 K tension. Cut off casing 1' AGL. (3.00)

ND gas buster & flare line.

DATE:

11/14/2007

OPERATION:

DRILLING COMPLETED

DFS:

20.35

Footage Made:

Measured Depth: 4,325

MW:

VISC:

WOB: DMC:

RPM:

0

CWC:

954,974.86

TIME DIST:

RPM:
CMC: 4,887,37 DWC: 3,275.00
(4.00) RD flare line & gas buster. FRONTIER RG #4 RELEASED @ 10:00 AM 11/13/2007

digar higs f/ 4,390 h

supplied likely thank

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17 4.5. 1

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### FORM 9

## **STATE OF UTAH**

DEPARTMENT OF NATURAL RESOURCES						
DIVISION OF OIL, GAS AND MINING  5. LEASE DESIGNATION AND SERIAL NUMB FEE						
SUNDRY NOTICES AND REPORTS ON V	VELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-h drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such p	ole depth, reenter plugged wells, or to proposals.	7. UNIT OF CA AGREEMENT NAME: HUNTINGTON CBM UNIT				
1. TYPE OF WELL OIL WELL GAS WELL OTHER		8. WELL NAME and NUMBER: UP&L16-7-36-24D				
2. NAME OF OPERATOR: XTO ENERGY INC.		9. API NUMBER: 4301530729				
3. ADDRESS OF OPERATOR: 382 CR 3100	PHONE NUMBER: (505) 333-3100	10. FIELD AND POOL, OR WILDCAT: BUZZARD BENCH/FERRON SS				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1258' FSL & 2390' FEL	· ·	COUNTY: EMERY				
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 36 16S 7E S		STATE: UTAH				
11. CHECK APPROPRIATE BOXES TO INDICATE NATU	JRE OF NOTICE, REPO	RT, OR OTHER DATA				
TYPE OF SUBMISSION	TYPE OF ACTION					
NOTICE OF INTENT	PEN	REPERFORATE CURRENT FORMATION				
	CTURE TREAT	SIDETRACK TO REPAIR WELL				
Approximate date work will start: CASING REPAIR NEW	CONSTRUCTION	TEMPORARILY ABANDON				
CHANGE TO PREVIOUS PLANS OPE	RATOR CHANGE	TUBING REPAIR				
CHANGE TUBING PLUC	G AND ABANDON	VENT OR FLARE				
	G BACK	WATER DISPOSAL				
	DUCTION (START/RESUME)	WATER SHUT-OFF				
Date of work completion:  COMMINGLE PRODUCING FORMATIONS REC	LAMATION OF WELL SITE	OTHER: JAN-FEB'08				
2/29/2008 CONVERT WELL TYPE REC	OMPLETE - DIFFERENT FORMATION	MONTHLY RPTS				
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent det XTO Energy Inc. has nothing to report on this well for the months o	-					
DOLENA JOHNSON	TITLE OFFICE CLERK					
NAME (PLEASE PRINT) DOLENA JOHNSON						
SIGNATURE Tolone lamas	DATE 3/1/2008					

(This space for State use only)

**RECEIVED** MAR 0 5 2008

FORM 9

DEPARTMENT OF NATURAL RESOURCES						
DIVISION OF OIL, GAS AND MINI	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE					
SUNDRY NOTICES AND REPORTS ON WELLS  6. IF INDIAN, ALLOTTEE OR TRIBE NAME:						
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form	7. UNIT OF CA AGREEMENT NAME: HUNTINGTON CBM UNIT					
1. TYPE OF WELL OIL WELL ☐ GAS WELL ✓ OTHER		8. WELL NAME and NUMBER:  UP&L16-7-36-24D				
2. NAME OF OPERATOR: XTO ENERGY INC.		9. API NUMBER: 4301530729				
3. ADDRESS OF OPERATOR: 382 CR 3100 GITY AZTEC STATE NM 23P 87	PHONE NUMBER: (505) 333-310	10. FIELD AND POOL, OR WILDCAT:  0 BUZZARD BENCH / FRN SS				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1258' FSL & 2390' FEL		COUNTY: EMERY				
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 36 16S 7E	<b></b>	STATE:				
	· · · · · · · · · · · · · · · · · · ·	UTAH				
11. CHECK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, R	EPORT, OR OTHER DATA				
TYPE OF SUBMISSION	TYPE OF ACTION					
NOTICE OF INTENT	DEEPEN	REPERFORATE CURRENT FORMATION				
(Submit in Duplicate) ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL				
Approximate date work will start: CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON				
CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR				
CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE				
✓ SUBSEQUENT REPORT CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL				
(Submit Original Form Only)	-					
Date of work completion:	PRODUCTION (START/RESUME)	WATER SHUT-OFF				
3/31/2008 COMMINGLE PRODUCING FORMATIONS L	RECLAMATION OF WELL SITE	OTHER: MARCH MONTHLY REPORT				
CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMA	TION TO THE TOTAL THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TOT				
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pert	nent details including dates, depths,	volumes, etc.				
XTO Energy has nothing to report on this well for the period of	of 03/01/2008 thru 03/31/2	008.				
		•				
NAME (PLEASE PRINT) DOLENA JOHNSON	TITLE OFFICE CLI	ERK				
IMME (FLENSE PRINT)	A/3/2008					
SIGNATURE DOLONG Jahnson	DATE 4/3/2008					

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DIV. OF OIL, CAS & MINING

FORM 9

## STATE OF UTAH RITMENT OF NATURAL RESOURCES

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING 5. LEASE DESIGNATION AND SERAL NUMBER: FEE 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. **HUNTINGTON CBM UNIT** 8. WELL NAME and NUMBER: 1 TYPE OF WELL OIL WELL GAS WELL 7 OTHER UP&L16-7-36-24D 9. API NUMBER: 2. NAME OF OPERATOR: XTO ENERGY INC 4301530729 3. ADDRESS OF OPERATOR: PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: CITY AZTEC 735 87410 **BUZZARD BENCH / FRN SS** STATE NM (505) 333-3100 382 CR 3100 4. LOCATION OF WELL COUNTY: EMERY FOOTAGES AT SURFACE: 1258' FSL & 2390' FEL OTR/OTR SECTION TOWNSHIP RANGE MERIDIAN: SWSE 36 168 STATE: UTAH CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF ACTION TYPE OF SUBMISSION REPERFORATE CURRENT FORMATION ACIDIZE NOTICE OF INTENT FRACTURE TREAT SIDETRACK TO REPAIR WELL ALTER CASING (Submit in Duplicate) TEMPORARILY ABANDON Approximate date work will start: CASING REPAIR NEW CONSTRUCTION OPERATOR CHANGE TUBING REPAIR CHANGE TO PREVIOUS PLANS VENT OR FLARE CHANGE TUBING PLUG AND ABANDON SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK WATER DISPOSAL (Submit Original Form Only) WATER SHUT-OFF PRODUCTION (START/RESUME) CHANGE WELL STATUS Date of work completion: OTHER: APRIL MONTHLY COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE 4/30/2008 REPORT RECOMPLETE - DIFFERENT FORMATION CONVERT WELL TYPE 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. XTO Energy has nothing to report on this well for the period of 4/01/2008 thru 4/30/2008. **FILE CLERK** WANETT MCCAULEY NAME (PLEASE PRINT) 5/2/2008 SIGNATURE

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MAY 0 8 2008

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Form 3 160-5 (August 2007)

# UNITED STATES • DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals

FORM APPROVED
OMB NO. 1004-0137
Expires July 31 2010

	Expires sury 51, 2010		
5. Lease Serial No.			
FF	HE.		
6.	If Indian, Allottee or Tribe Name		

abandoned well. Ose i omi 5700-5	, (ALD) IOI	r sucii proposais.		N/A	
SUBMIT IN TRIPLICATE - Other instructions on page 2					CA/Agreement, Name and/or No
. Type of Well  Oil Well X Gas Well  Other  . Name of Operator					e and No. 6-7-36-24 D
XTO Energy Inc.       3b. Phone No. (include area code)         3a. Address       505-333-3100					No. 1729 I Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description 1258' FSL & 2390' FEL SWSE SEC 36-T16S-R	•			BUZZARD B	ENCH
12 CURCK APPROPRIATE DOVE				EMERY	UT
12. CHECK APPROPRIATE BOX(E	5) 10 INL	- wa	NOTICE, REPO PE OF ACTION	RT, OR OTH	ER DATA
X Subsequent Report  Cas  Final Abandonment Notice  Cha	idize Iter Casing sing Repair ange Plans nvert to Injectio	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Reclamation Recomplet	e y Abandon	Water Shut-Off Well Integrity X Other MAY '08 MONTHLY REPORTING
13. Describe Proposed or Completed Operation (clearly state all p If the proposal is to deepen directionally or recomplete horizo Attach the Bond under which the work will be performed or following completion of the involved operations. If the opera testing has been completed. Final Abandonment Notices shall determined that the final site is ready for final inspection.)	ontally, give su provide the I ation results in	ubsurface locations and mea Bond No. on file with BLM n a multiple completion or r	usured and true ver I/BIA. Required s recompletion in a t	tical depths of a ubsequent reponent interval a l	all pertinent markers and zones. rts shall be filed within 30 days Form 3160-4 shall be filed once

Attached is XTO Energy's monthly report for the period of 05/01/2008 thr 05/31/2008.

JUN 0 6 2008
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	1	
WANETT MOCAULEY	Title FILE CLERK	
Signature Want Ma ( aula)	Date 06/03/2008	
THIS SPACE FOR FEDER	RAL OR STATE OFFICE USE	
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## Farmington Well Workover Report

UP & L		Well # 016-07-36-24D	FERRON
Objective:	Drill & Complete		
First Report:	10/28/2007		
AFE:	711516		
5/8/08	Gun. Perf Ferron Coal w/3 JSPF 120 deg 3,953' (54 holes, Titan EXP-3323-322T ccsg gun. RIH w/dump blr & dmpd 10 gal crew. Ac Ferron Coal perfs fr/3,868' - 3,5 bpm & 450 psig. Frac Ferron Coal perfs 80,680 lbs 20/40 Brady sd, & 103,588 lb. Gradiant 0.76. Flshd w/3,641 gals Linear	ph 3,868' - 3,870', 3,893' - 3 chrgs 22.7 gm, .41" dia,). Al ls 28 % HCL @ 3,950'. POH 953' dwn 5-1/2 csg w/1000 g fr/3,868' - 3,953' w/31,693 g s 16/30 Brady sd. Last 45,48 Gel, 3 bbls short. Sd Conc 6 80 psig. AIR 61.1 bpm. Max	8-08. SICP 0 psig. MIRU JW WL. RIH w/4" slick Csg 3,902', 3,924' - 3,928', 3,941' - 3,943' & 3,952' - 1 dpts correlated w/CNL log Dated 11-11-07. POH. LD I & LD dump blr. RDMO WLU. MIRU CalFrac frac tals 15% HCL at 5 BPM & 330 psig. Form BD @ 6 als slick wtr. 71,786 gals DynAqua-1 frac fld carrying 18 lbs 16-30 Brady sd ppd SiberProp coated. Frac 0.31 - 5.00 ppg. ISIP 1,253 psig, 5" SIP 1,005 psig, 10" at TP 1,682 psig. Max IR 65 bpm. Max sd conc 5.00 of further activity.
5/10/08	Compl setting stem wall forms on South back. Compl trenching across Deer Creek	river span supports. Compl pc County Road. Compl inst e	pouring 14 yards of concrete for stem walls on South electrical fuse cabinets. SDFWE.



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FE	Œ					
6.	If India	n, Allo	ttee or	Tribe	Name	

Form 3160-5 (Augus 7)				FORM APPROVED OMB NO. 1004-0137 Expires July 31, 2010  5. Lease Serial No.		
	SUNDRY NOTICES  Do not use this form for parabandoned well. Use Form	AND REPORTS ( proposals to drill ( n 3160-3 (APD) for	ON WELLS DOOR or to re-enter an r such proposals.		FEE 6. If Indian, All	lottee or Tribe Name
	SUBMIT IN TRIPLICAT	E - Other instructio	ns on page 2		7. If Unit or CA	A/Agreement, Name and/or No  CEM UNIT
Type of Well     Oil Well     Name of Operato     XTO Energy					8. Well Name a U P & L 16	-7-36-24 D
3a. Address  3b. Phone No. (include are 382 CR 3100 AZTEC, NM 87410  4. Location of Well (Footage, Sec., T., R., M., or Survey Description)				rea code)	43-015-307 10. Field and I BUZZARD BE	29 Pool, or Exploratory Area
BHL: 800'	FSL & 2100' FWL SESW S	EC 36-T16S-R7E EC 36-T16S-R7E	s s		FERRON SAN 11. County or EMERY	Parish, State
TYP	CHECK APPROPRIATE E OF SUBMISSION	E BOX(ES) TO INI		PE OF ACTION	ORT, OR OTHE	CR DATA
x s	Notice of Intent Subsequent Report Sinal Abandonment Notice	Acidize  Alter Casing  Casing Repair  Change Plans  Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Reclamation Recomple	te ly Abandon	Water Shut-Off  Well Integrity  Other 1ST DELIVERY
If the propose Attach the Bound following cortesting has be	posed or Completed Operation (clearly all is to deepen directionally or recompond under which the work will be perapletion of the involved operations. I seen completed. Final Abandonment has the final site is ready for final inspection.	lete horizontally, give so formed or provide the last the operation results in Notices shall be filed on	ubsurface locations and mea Bond No. on file with BLM n a multiple completion or r	sured and true ve I/BIA. Required secompletion in a	rtical depths of al subsequent report new interval, a Fo	I pertinent markers and zones. s shall be filed within 30 days orm 3160-4 shall be filed once

XTO Fnergy Inc. first delivered this well to Questar through the Huntington CDP @ 11:00a.m. on Tuesday, 06/17/2008. IFR of 302 MCFPD.

XTO Allocation Meter #909-270 Huntington CDP Meter #000-150

## **RECEIVED**

JUN 2 3 2008

DIV. OF OIL, GAS & MINING

	<b>D11.</b> 4.	
14. I hereby certify that the foregoing is true and correct Name (Printed Typed)		
JENNIFER M. HEMBRY	Title FILE CLERK	
Signature Lennifer M. Hembry	_ Date 06/19/08	
	ERAL OR STATE OFFICE USE	
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certifulation the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	fy that Office	
		0.1 11.1 10 0.1

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING 5. LEASE DESIGNATION AND SERIAL NUMBER: FEE 6 IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS N/A 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. **HUNTINGTON CBM UNIT** 8. WELL NAME and NUMBER: 1 TYPE OF WELL OIL WELL GAS WELL 🔽 OTHER UP&L16-7-36-24D 2. NAME OF OPERATOR: 9. API NUMBER: 4301530729 XTO ENERGY INC. 10. FIELD AND POOL, OR WILDCAT: 3. ADDRESS OF OPERATOR: PHONE NUMBER: **BUZZARD BENCH / FRN SS** STATE NM 382 CR 3100 **AZTEC** 710 87410 (505) 333-3100 4. LOCATION OF WELL COUNTY: EMERY FOOTAGES AT SURFACE: 1258' FSL & 2390' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 168 7E S STATE: UTAH CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF ACTION TYPE OF SUBMISSION ACIDIZE DEEPEN REPERFORATE CURRENT FORMATION NOTICE OF INTENT SIDETRACK TO REPAIR WELL FRACTURE TREAT (Submit in Duplicate) ALTER CASING Approximate date work will start: CASING REPAIR **NEW CONSTRUCTION TEMPORARILY ABANDON** TUBING REPAIR CHANGE TO PREVIOUS PLANS OPERATOR CHANGE VENT OR FLARE PLUG AND ABANDON CHANGE TUBING SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK WATER DISPOSAL (Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME) WATER SHUT-OFF Date of work completion: OTHER: JUNE '08 MONTHLY COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE 6/30/2008 REPORT RECOMPLETE - DIFFERENT FORMATION CONVERT WELL TYPE 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Attached is XTO Energy's monthly report for the period of 06/01/2008 thru 06/30/2008. RECEIVED

JUL 07 2008

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINTS) WANETT MCCAULEY	TITLE FILE CLERK
SIGNATURE (C) COULDLY  (This proce for State upo only)	DATE 7/1/2008

### Farmington Well Workover Report

UP & L		Well # 016-07-36-24D	FERRON								
Objective:	Drill & Complete										
First Report:	10/28/2007	10/28/2007									
AFE:	711516										
6/4/08	Cont rpt for AFE # 711516 to D & C Ferron Coal. Fr/5-8-07 to 6-4-08. Ferron Coal fr/ 3,868' - 3,953'. PBTD @ 4,265'. SICP 600 psig. MIRU BHWS Rig #2. BD well to 190 psig in 2 hrs. Flwd 150 BLW to flow back tk. KW w/50 BFW. ND frac vlv. NU BOP. TIH w/50 jts 2-7/8" new tbg (EOT @ 1,663'). SWI. SDFN. Used 300 ttl BFW to cntl well today. 2,736 BLWTR.										
6/5/08	- 3,953'. PBTD @ 4,265'. RU pwr swive 4,269' tbg meas. Circ well cln for 1 hr. I	SITP 100 psig, SICP 100 psig. BD well in 5". Cont TIH w/69 jts 2-7/8" tbg. Tgd 332' of fill @ 3,937'. Ferron Coal fr/ 3,868' - 3,953'. PBTD @ 4,265'. RU pwr swivel. MIRU Graco AFU. Estb circ & stg in hole. CO fill w/10 jts 2-7/8" tbg fr/3,937' - 4,269' tbg meas. Circ well cln for 1 hr. Pmp 15 BFW & kill tbg. RD pwr swivel. RD AFU. TOH w/8 jts 2-7/8" tbg. EOT @ 4,005'. SWI. SDFN. 2,486 BLWTR. Rec 250 BLW today.									
6/6/08	SITP 45 psig, SICP 900 psig. Flw well out csg 1 hr on 2" ck. F. 150 BLW in 1 hr. SWI. Inst ck nipple & 36/64 ck. OWU w/550 psig CP, F. 0 BO, 61 BLW in 2 hrs. Inst 32/64 ck. OWU w/250 psig CP, F. 0 BO, 63 BLW in 3 hrs. All rets of gas & wtr, no sd today. Strip in hole w/8 jts 2-7/8" tbg. Tgd no addl fill @ 4,265' (PBTD). TOH w/12 jts 2-7/8" tbg. SWI w/260 psig CP. SDFN. 2,212 BLWTR. Rec 274 BLW today.										
Flow	Zone: Ferron										

Event Desc: Flow Back			Top Ir	Bottom Interval: 3,953		
		Avg	Choke	<b>BBLS</b>		
<u>Time</u>		<b>Press</b>	<u>Size</u>	Rec	<b>Comments</b>	
11:00:00 Al	M	45	2"	150	Csg Press 550.	
12:00:00 PN	Л	45	36/64"	38	Csg Press 250.	
1:00:00 PM	1	255	36/64"	23		
2:00:00 PM	1	250	32/64"	24		
3:00:00 PM	1	255	32/64"	15		
4:30:00 PM	1	260	32/64"	24		
			Ttl Bbls:	274		

6/7/08 SITP 900 psig, SICP 900 psig. Opn csg on 36/64 ck. F. 0 BO, 65 BLW in 4 hrs, FCP 230 psig, SITP 400 psig All rets of gas & wtr, no sd. Pmp 150 BFW dwn tbg & KW. TIH w/12 jts 2-7/8" tbg. Tgd no fill @ 4,265' (PBTD). LD 10 jts 2-7/8" tbg. TOH w/124 jts 2-7/8" tbg. LD bit & xo sub. PU 2-7/8" purge vlv, 2 jts 2-7/8" tbg, Cavins desander, 4' x 2-7/8" tbg sub & 2-7/8" SN. TIH w/pmp BHA, 7 jts 2-7/8" tbg, 5-1/2"x 2-7/8" TAC & 115 jts 2-7/8" tbg. SWI. SDFWE. 2,927 BLWTR. Used 780 ttl BFW to cntl well today.

Flow	Zone:	Ferron			
	<b>Event Desc:</b>	Flow Back		Top In	terval: 3,868 Bottom Interval: 3,953
		Avg	Choke	<b>BBLS</b>	
	<u>Time</u>	Press	<u>Size</u>	Rec	Comments
	7:30:00 AM	900	36/64"	8	Flwg cln wtr & gas no sd. Csg Press 380.
	8:30:00 AM	800	36/64"	19	Flwg cln wtr & gas no sd. Csg Press 325.
	9:30:00 AM	600	36/64"	19	Flwg cln wtr & gas no sd. Csg Press 325.
	10:30:00 AM	260	36/64"	19	Flwg cln wtr & gas no sd. Csg Press 325.
			Ttl Bbls:	65	

SITP 900 psig, SICP 900 psig. Bd csg to 400 psig in 1 hr. KW w/100 BFW. ND BOP. Set TAC @ 3,810'. Well blew in. Shear TAC while inst hgr to cntl well. KW w/50 BFW. NU BOP. TOH w/115 jts 2-7/8" tbg. Chng out TAC. TIH w/115 jts 2-7/8" tbg. Set TAC @ 3,810'. Ld tbg w/2-7/8" donut tbg hgr in 12 K tens. SN @ 4,043'. EOT @ 4,134'. PBTD @ 4,265'. Ferron Coal perfs fr/3,868' - 3,953'. NU WH. SWI. SDFN. 3,482' BLWTR Used 555 ttl BFW to cntl well today.

6/10/08

Tubing	Location		Lower							
	ZONE 1	Desc	: Ferron	Top Perf: 3,868		Btm Perf: 3,95	i3	OH:	No	
						Top	Btm			
	<b>Qty</b>	<u>Type</u>	<b>Description</b>		Cond	<b>Depth</b>	<b>Depth</b>		<u>ength</u>	
	115	Tubing	2-7/8", 6.5#, J-55, EUE, 8rd Tubi	ng	New	12	3,808		5.55'	
	1	Tubing	2-7/8" TAC		New	3,808	3,810		2.70'	
	7	Tubing	2-7/8", 6.5#, J-55, EUE, 8rd Tubi	ng	New	3,810	4,042	23	1.30'	
	1	Tubing	2-7/8" SN		New	4,042	4,043		1.10'	
	1	Tubing	2-7/8", 6.5#, J-55, EUE, 8rd Tubi	ng Sub	New	4,043	4,047		4.00'	
	1	Tubing	2-7/8" Cavins 2707 Desander		New	4,067	4,133	2	0.20'	
	2	Tubing	2-7/8", 6.5#, J-55, EUE, 8rd Tubi	ng	New	4,067	4,133	6	6.07	
	·1	manual	2-7/8" Purge Valve		New	4,133	4,134		0.74'	
							Total	4,12	1.66'	
						L	anded @	4,12	1.66'	
6/12/08	Shear tl - 7/8" ro rod jars.	parted. LD ds. Unable TIH w/roo	w/pmp, 1 - 7/8" x 4' stabilizer rod, 3 - 1-1/2" x 25' sbs. PU & TIH w/2 to catch btm half of shear tl fish. T is & work onto fish. TOH w/rods. I	2-5/16" Bowen overs OH w/rods. LD BHA D pmp, sinker bar &	hot dress A. PU 2-5 c shear tl	ed w/1-5/8" grap 5/16" Obannon ov fish. SWI. SDFN	ple, 78 - 3/4 vershot & 3 !. 3,482' BL	4" rods /4" spa .WTR	& 85 ng	
	Western rod, 4 - 7/8" x 4' 1/2" x 2 rod, 7/8'	pump 2-1/ 1-1/2" x 25' 'stabilizer: 5' sbs, 1 - 7' " x 2' guide Rlsd press	inker bar, shear tl fish & OS. Insp & /2" x 1-3/4" x 20' RHBC-DV pmp ( 's bs, 1 - 7/8" x 4' stabilizer rod, 4 - rod, 4 - 1-1/2" x 25' sbs, 1 - 7/8" x 4' r/8" x 4' stabilizer rod, 76 - 3/4" skr rod sub & 1-1/4" x 26' PR w/1-1/ s. LS pmp w/rig to 500 psig. GPA. I	XTO #141) w/1' X 1 1-1/2" x 25' sbs, 1 - l' stabilizer rod, 4 - 1 d w/5 molded guides 2" x 18' PR Inr. Seate	" stnr nip 7/8" x 4' -1/2" x 2: s pr rod, 5 ed pmp. I	o. TIH w/pmp, 1 - stabilizer rod, 4 - 5' sbs, 1 - 7/8" x 4 59 - 7/8" skr d w/ PT tbg to 1,000 p	• 7/8" x 4' s • 1-1/2" x 2 4' stabilizer 5 molded g sig w/7 BF	tabilize 5' sbs, rod, 4 uides p W for 1	1 - - 1- or 10".	
6/16/08	Inst Alle	en Bradley	elec V.F.D. Serial # MEAL1CG2 a	nd Dynamic Brake r	esistor or	P.U.				
6/17/08	Inst Aut 640 pmp	opilot RTU o unit. Ditc	J #A06HJ039, wtr mtr, power, radio hed in & conn #1 elec cable fr/pow	o, tbg & csg xmtrs. Ir er In to panel. Inst ele	nst Allen ec sep du	Bradley elec pmp mp pmp. Auto in	p panel & e st compl.	lec mtr	on	
6/18/08	P. 0, -1	, 0 MCF, F	FTP 98 psig, SICP 670 psig, , LP 8	psig, SP 0 psig, DP 0	psig, 13	hrs. 13 hrs O&W	/ prod.			
6/19/08	P. 0, -1	, 171 MCF	F, FTP 120 psig, FCP 720 psig, , LP	8 psig, SP 0 psig, D	P 0 psig,	24 hrs.				
6/20/08	P. 0, -1	, 352 MCF	F, FTP 106 psig, FCP 682 psig, , LP	6 psig, SP 0 psig, D	P 0 psig,	24 hrs.				
6/21/08	P. 0, -1	, 377 MCF	F, FTP 98 psig, FCP 670 psig, , LP	B psig, SP 0 psig, DP	0 psig, 2	24 hrs.				
6/22/08	P. 0, -1	, 374 MCF	F, FTP 96 psig, FCP 661 psig, , LP	7 psig, SP 0 psig, DP	0 psig, 2	24 hrs.				
6/23/08	P. 0, -1	, 371 MCF	F, FTP 94 psig, FCP 670 psig, , LP	B psig, SP 0 psig, DP	0 psig, 2	24 hrs.				
6/24/08	P. 0, -1, 371 MCF, FTP 94 psig, FCP 670 psig, , LP 8 psig, SP 0 psig, DP 0 psig, 24 hrs.  P. 0, -1, 368 MCF, FTP 96 psig, FCP 660 psig, , LP 8 psig, SP 0 psig, DP 0 psig, 24 hrs.  Cont rpt for AFE # 711516 to D & C Ferron Coal well. Built WH mnfd. MIRU Miller's Crane. Built gravel pad. Set used B&G Crane 8' x 28' x 12" cmt pad, used Lufkin C-640D-365-168 PU w/50" gearbox sheave (SN L152592F), Teco 75 hp elect motor (SN AT7081414004) w/8" motor sheave & 4 cp 225 belts fr/XTO stk. RDMO Miller's Crane. Susp rpts pending further activity.									

6/25/08	P. 0 , -1 , 449 MCF, FTP 93 psig, FCP 302 psig, , LP 9 psig, SP 0 psig, DP 0 psig, 24 hrs.
6/26/08	P. 0, -1, 591 MCF, FTP 104 psig, FCP 550 psig, , LP 9 psig, SP 0 psig, DP 0 psig, 24 hrs.
6/27/08	P. 0, -1, 651 MCF, FTP 93 psig, FCP 539 psig, , LP 11 psig, SP 0 psig, DP 0 psig, 24 hrs.
6/28/08	P. 0, -1, 637 MCF, FTP 94 psig, FCP 531 psig, , LP 8 psig, SP 0 psig, DP 0 psig, 24 hrs.
6/29/08	P. 0, -1, 689 MCF, FTP 95 psig, FCP 503 psig, , LP 11 psig, SP 0 psig, DP 0 psig, 24 hrs.
6/30/08	P. 0, -1, 695 MCF, FTP 68 psig, FCP 492 psig, , LP 12 psig, SP 0 psig, DP 0 psig, 24 hrs.

## STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING FEE 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS N/A 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. **HUNTINGTON CBM UNIT** TYPE OF WELL 8. WELL NAME and NUMBER: OIL WELL GAS WELL 7 OTHER UP&L16-7-36-24D 2. NAME OF OPERATOR: Q APINIIMBER 4301530729 **XTO ENERGY INC** PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: 3. ADDRESS OF OPERATOR CITY AZTEC **BUZZARD BENCH / FRN SS** STATE NM <sub>780</sub> 87410 (505) 333-3100 382 CR 3100 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1258' FSL & 2390' FEL COUNTY: EMERY QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE S STATE: UTAH CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE DEEPEN REPERFORATE CURRENT FORMATION NOTICE OF INTENT (Submit in Duplicate) ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL Approximate date work will start: CASING REPAIR NEW CONSTRUCTION TEMPORARILY ABANDON CHANGE TO PREVIOUS PLANS OPERATOR CHANGE TURING REPAIR VENT OR FLARE CHANGE TUBING PLUG AND ABANDON SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK WATER DISPOSAL (Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME) WATER SHUT-OFF Date of work completion OTHER: JULY '08 MONTHLY COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE 7/31/2008 REPORT CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Attached is XTO Energy's monthly report for the period of 07/01/2008 thru 07/31/2008. RECEIVED AUG 1 1 2008 DIV. OF OIL, GAS & MINING TITLE FILE CLERK WANETT MCCAULEY NAME (PLEASE BRINT) SIGNATURE

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## Farmington Well Workover Report

UP & L		Well # 016-07-36-24D	FERRON						
Objective:	Drill & Complete								
First Report:	10/28/2007								
AFE:	711516								
7/1/08	P. 0, 174, 679 MCF, FTP 98 psig, FCP	P. 0 , 174 , 679 MCF, FTP 98 psig, FCP 481 psig, , LP 8 psig, SP 0 psig, DP 0 psig, 24 hrs.							
7/2/08	P. 0, -1, 621 MCF, FTP 92 psig, FCP 393 psig, , LP 8 psig, SP 0 psig, DP 0 psig, 24 hrs.								
7/3/08	P. 0, -1, 701 MCF, FTP 98 psig, FCP 352 psig, , LP 28 psig, SP 0 psig, DP 0 psig, 24 hrs.								
7/4/08	P. 0, -1, 805 MCF, FTP 95 psig, FCP 319 psig, , LP 10 psig, SP 0 psig, DP 0 psig, 24 hrs.								
7/5/08	P. 0 , 172 , 821 MCF, FTP 98 psig, FCP	309 psig, , LP 9 psig, SP 0 p	sig, DP 0 psig, 24 hrs.						
7/6/08	P. 0, 168, 799 MCF, FTP 90 psig, FCP	302 psig, , LP 8 psig, SP 0 p	sig, DP 0 psig, 24 hrs.						
7/7/08	P. 0 , 159 , 782 MCF, FTP 96 psig, FCP	297 psig, , LP 8 psig, SP 0 p	sig, DP 0 psig, 24 hrs.						
7/8/08	P. 0 , 152 , 768 MCF, FTP 90 psig, FCP	291 psig, , LP 9 psig, SP 0 p	sig, DP 0 psig, 24 hrs.						
7/9/08	P. 0 , 167 , 879 MCF, FTP 100 psig, FC	P 254 psig, , LP 10 psig, SP (	O psig, DP 0 psig, 24 hrs.						

STATE OF UTAH	LOKM 8	
DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS AND MIN	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE	
SUNDRY NOTICES AND REPORTS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below currer drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL for	nt bottom-hole depth, reenter plugged wells, or to n for such proposals.	7. UNIT OF CA AGREEMENT NAME: HUNTINGTON CBM UNIT
1. TYPE OF WELL OIL WELL GAS WELL OTHER		8. WELL NAME and NUMBER: UP&L16-7-36-24D
2. NAME OF OPERATOR:  XTO ENERGY INC.		9. API NUMBER: 4301530729
3. ADDRESS OF OPERATOR:  382 CR 3100  CITY AZTEC  STATE NM ZIP 8	7410 PHONE NUMBER: (505) 333-3100	10. FIELD AND POOL, OR WILDCAT: BUZZARD BENCH / FRN SS
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1258' FSL & 2390' FEL		COUNTY: EMERY
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 36 16S 7E	S	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)  ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
(Submit Original Form Only)	PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:  COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	✓ OTHER: AUGUST '08
8/31/2008 CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	MONTHLY REPORT
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all per XTO Energy has nothing to report on this well for the period	-	nes, etc.

TITLE FILE CLERK WANETT MCCAULEY NAME (PLEASE PRINT) DATE <u>9/3/2008</u> SIGNATURE

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**RECEIVED** SEP 08 2008

### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIV	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE										
SUNDRY NOTICES AND REPORTS ON WELLS  6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A											
Do not use this form for proposals to drill new we drill horizontal laterals.	lls, significantly deepen existing wells below curro Use APPLICATION FOR PERMIT TO DRILL fo	ent bottom-hole depth, reenter plugged wells, or to rm for such proposals.	7. UNIT OF CA AGREEMENT NAME: HUNTINGTON CBM UNIT								
1. TYPE OF WELL OIL WELL	GAS WELL 🗹 OTHER _		8. WELL NAME and NUMBER: UP&L16-7-36-24D								
2. NAME OF OPERATOR: XTO ENERGY INC.			9. API NUMBER: 4301530729								
3. ADDRESS OF OPERATOR:		PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:								
382 CR 3100 CITY AZ  4. LOCATION OF WELL	TEC STATE NM ZIP	87410 (505) 333-3100	BUZZARD BENCH / FRN SS								
FOOTAGES AT SURFACE: 1258' FSL	& 2390' FEL		COUNTY: EMERY								
QTR/QTR, SECTION, TOWNSHIP, RANGE, M	ERIDIAN: SWSE 36 16S 7I	E S	STATE: UTAH								
11. CHECK APPROF	PRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPO	RT, OR OTHER DATA								
TYPE OF SUBMISSION		TYPE OF ACTION	DEPENDENT OURSENT FORMATION								
NOTICE OF INTENT (Submit in Duplicate)	ACIDIZE  ALTER CASING	DEEPEN FRACTURE TREAT	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL								
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON								
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR								
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE								
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL								
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF								
Date of work completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	✓ OTHER: SEPTEMBER '08								
9/30/2008	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	MONTHLY REPORT								
12. DESCRIBE PROPOSED OR COMPL XTO Energy has nothing to re		ertinent details including dates, depths, volument of 9/01/2008 thru 9/30/2008.	es, etc.								
NAME (PLEASE PRINT) WANETT MC	CAULEY	7 TITLE FILE CLERK									
SIGNATURE WALL	the McCaul	DATE 10/3/2008									
(This space for State use only)	· · · · · · · · · · · · · · · · · · ·	7									

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OCT 0 6 2008

### STATE OF UTAB

STATE OF MATURAL PERCURPOSE	1 OITWI 5
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  N/A
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT OF CA AGREEMENT NAME: HUNTINGTON CBM UNIT
1. TYPE OF WELL OIL WELL GAS WELL 🗹 OTHER	8. WELL NAME and NUMBER: UP&L16-7-36-24D
2. NAME OF OPERATOR:  XTO ENERGY INC.	9. API NUMBER: 4301530729
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410 PHONE NUMBER: (505) 333-3100	10. FIELD AND POOL, OR WILDCAT: BUZZARD BENCH / FRN SS
4. LOCATION OF WELL	COUNTY: EMERY
FOOTAGES AT SURFACE: 1258' FSL & 2390' FEL	COUNTY: EIVIER I
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 36 16S 7E S	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)  ALTER CASING  FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)  CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
Date of work completion:  CHANGE WELL STATUS  PRODUCTION (START/RESUME)	WATER SHUT-OFF
10/31/2008 COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE RECOMPLETE - DIFFERENT FORMATION	✓ OTHER: OCTOBER 08  MONTHLY REPORT
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume	
XTO Energy has nothing to report on this well for the period of 10/01/2008 thru 10/31/2008	•
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	NOV 1 0 2008

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) JENNIFER M. HEMBRY	TITLE FILE CLERK
	DATE 11/5/2008
(This space for State use only)	

				STA TMENT	TE O			NIBOES						NDED hlight cl	REPORT [		FORM 8
				ON OF									5. LE	ASE DESI	GNATION AND	SERIA	L NUMBER:
														EE			·
WEL	L COMF	PLET	ION	OR RI	ECOI	MPL	ETIC	ON RE	EPOR	T ANI	LOG			indian, a I/A	LLOTTEE OR 1	RIBE	NAME
1a. TYPE OF WELL	:	OII	LL [	GA WE	s LL 🔽	ī	ORY		ОТН	ER			1		NGTON (		UNIT
b. TYPE OF WORI NEW WELL.	K: HORIZ. LATS.	DE EN	EP-	] RE	TRY 🔲	· [	DIFF. RESVR.		ОТНІ	ER					and NUMBER: _ 16-7-36-		1
2. NAME OF OPERA XTO Ener			<del></del>								<u></u>		4	30153			
3. ADDRESS OF OR 382 CR 310		CI	TY AZ	TEC		STATE	NM	ZIP 874	110 <b>P</b> F		NUMBER: (5) 333-31	100			POOL, OR WILL BENCH/F		RON SS
4. LOCATION OF W	ELL (FOOTAG	ES)	_			_		-		1	A C D		11. C	TR/QTR,	SECTION, TOV	NSHIF	, RANGE,
AT SURFACE:									NO	V 25	2008	· .		/SE			
AT TOP PRODU	CING INTERVA	REPOR	TED BEL	.ow: ጋሄሄ <b>ር</b> ኒ	ابد			DI									
AT TOTAL DEPT	rн: 8 <u>00'</u> Е	SL &	2,100'	FWL		De		<u>Hst</u>	$\bigcap \Upsilon$	IL, GAS, EN TE	& MINING		E	OUNTY MERY			UTAH
14. DATE SPUDDEI 10/24/2007		. date t. 11/11/		HED: 1	6. DATE 6 6/23/	COMPLE 2008	TED:	<i>A</i>	ABANDONE	ED 🗌	READY TO PR	RODUCE	V		ATIONS (DF, R 05 GL	KB, RT	, GL):
18. TOTAL DEPTH:	-1,02		- 1	9. PLUG BA	ACK T.D.:	MD Z	1,265		20. IF N	MULTIPLE C	OMPLETIONS,	HOW MA	NY?*		H BRIDGE M IG SET:	MD	
<del></del>		1900				TVD	40	77		23.		_	<u></u>			VD	
GR/CCL/CE	BL Pex	1,0					Ne	UIL	Ä 	WAS WELL	L CORED? RUN? NAL SURVEY?	·	ои Ои Ои	Z YI	≣s 🔲 (s	ubmit a ubmit r ubmit c	
24. CASING AND L	INER RECORD	(Report	all strings	s set in well					·								
HOLE SIZE	SIZE/GRA	DE	WEIGHT	(#/ft.)	TOP (M	ID)	вотто	OM (MD)		EMENTER PTH	NO. OF SAC		SLUF VOLUME		CEMENT TOP	** /	AMOUNT PULLED
14 3/4"	11.7 <b>6</b> H	-40	42	#	0		3	44			G 200		0		SURF		0
8 3/4"	5.5 I	-80	17	#	2,45	50	4,	320			PR LT	310			2450		0
								·	<u> </u>							_	
							<u>-</u>		<u></u>								
25. TUBING RECOI								·							<del></del>		···
SIZE	DEPTH SI		PACK	ER SET (MC	))	SIZE		DEPTH	SET (MD)	PACKE	R SET (MD)		SIZE	DE	PTH SET (MD)	P.	ACKER SET (MD)
2 7/8"	4,1	34	<u> </u>					1									
26. PRODUCING IN		TOD	(145)	БОТТОМ	(MD)	TOP (	TV(D)	Тротто			RATION RECO		SIZE	NO. HOLE	e DED	ODAT	ION STATUS
FORMATION		TOP		воттом		100 (	(VD)	вотто	M (TVD)		AL (Top/Bot - MI		.41"	54	Open Z		ueezed
(A) FERRON	COAL	3,8	808	3,95	3			<del> </del> -		3.868	3,9	155 0	7.41			<del></del>	
(B)								<del> </del>			·				Open _	<u> </u>	ueezed
(C)								ļ							Open _		ueezed
(D)				<u> </u>				<u></u>							Open	Sq	ueezed
28. ACID, FRACTU	RE, TREATMEI	NT, CEME	NT SQUE	EEZE, ETC.											*****		
DEPTH	INTERVAL								AMO	DUNT AND	TYPE OF MATE	RIAL					
3,868' - 3	,953'		Acid	ized w/	1,000	gals '	15% I	HCL. F	rac'd v	v/31,69	3 gals slic	k wtr	w/71	786 ga	als		
			Dyn	Aqua ca	arrying	80,6	80 #	20/40	Brady	sd & 10	3,588# 16	6/30 E	Brady	sd			
29. ENCLOSED AT	TACHMENTS:											X .			30. W	ELL S	TATUS:
<del></del>	RICAL/MECHA						=		IC REPOR	т 🔲	DST REPORT		DIREC	TIONAL SU	JRVEY		
SUNDF	RY NOTICE FOI	R PLUGG	ING AND	CEMENT V	ERIFICAT	ION	Ш	CORE AN	ALYSIS		OTHER:						

31. INITIAL PRODUCTION INTERVAL A (As shown in item #26) WATER - BBL: DATE FIRST PRODUCED: TEST DATE: HOURS TESTED: TEST PRODUCTION OIL - BBL: GAS - MCF PROD. METHOD: RATES: 368 **PUMPING** 6/24/2008 n 157 6/17/2008 24 CHOKE SIZE: CSG. PRESS. WATER - BBL: INTERVAL STATUS: TBG. PRESS API GRAVITY BTU - GAS GAS/OIL RATIO 24 HR PRODUCTION OIL - BBL: GAS - MCF RATES: 660 368 157 **PROD** 96 INTERVAL B (As shown in item #26) DATE FIRST PRODUCED: TEST DATE: HOURS TESTED: TEST PRODUCTION | OIL - BBL: GAS - MCF: WATER - BBL: PROD. METHOD: RATES: CHOKE SIZE: TBG. PRESS. CSG. PRESS. API GRAVITY BTU - GAS GAS/OIL RATIO 24 HR PRODUCTION OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL STATUS: RATES: INTERVAL C (As shown in item #26) DATE FIRST PRODUCED: TEST DATE: HOURS TESTED: TEST PRODUCTION OIL - BBL: GAS - MCF: WATER - BBL: PROD. METHOD: RATES: CHOKE SIZE: TBG. PRESS. CSG. PRESS. API GRAVITY 24 HR PRODUCTION OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL STATUS: BTU - GAS GAS/OIL RATIO RATES: INTERVAL D (As shown in item #26) DATE FIRST PRODUCED: TEST DATE: HOURS TESTED: TEST PRODUCTION | OIL - BBL: GAS - MCF: WATER - BBL: PROD. METHOD: RATES: CHOKE SIZE: TBG. PRESS. CSG. PRESS. API GRAVITY BTU - GAS GAS/OIL RATIO 24 HR PRODUCTION OIL - BBL: GAS - MCF: WATER - BBL: INTERVAL STATUS: RATES: 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.) TO BE SOLD 33. SUMMARY OF POROUS ZONES (Include Aquifers): 34. FORMATION (Log) MARKERS: Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				EMERY SANDSTONE LOWER BLUEGATE SHALE UPPER FERRON SANDSTN LOWER FERRON SANDSTN TUNUNK SHALE	426 1,669 3,837 4,042 4,216

35. ADDITIONAL REMARKS (Include plugging procedure)

36. Thereby certify that the foregoing and attached information is complete and correct as determined from all available records.				
NAME (PLEASE PRINT) BARBARA A. NICOL	TITLE FILE CLERK			
SIGNATURE BANDAMU A. MICH.	DATE 11/19/2008			

This report must be submitted within 30 days of

- completing or plugging a new well
- · drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\*\* ITEM 24: Cement Top -- Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to:

Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 Box 145801

Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

<sup>\*</sup> ITEM 20: Show the number of completions if production is measured separately from two or more formations.

STATE OF UTAH  DEPARTMENT OF NATURAL RESOURCES  DIVISION OF OIL, GAS, AND MINING		FORM 9		
		5.LEASE DESIGNATION AND SERIAL NUMBER: FEE		
SUND	RY NOTICES AND REPORTS OF	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7.UNIT or CA AGREEMENT NAME: HUNTINGTON CBM		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: UP&L 16-7-36-24D	
2. NAME OF OPERATOR: XTO ENERGY INC			<b>9. API NUMBER:</b> 43015307290000	
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 8		PHONE NUMBER:	9. FIELD and POOL or WILDCAT: BUZZARD BENCH	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1258 FSL 2390 FEL			COUNTY: EMERY	
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWSE Section: 36	(P, RANGE, MERIDIAN: Township: 16.0S Range: 07.0E Meridian: S		STATE: UTAH	
11. CHE	CK APPROPRIATE BOXES TO INDICATE N	NATURE OF NOTICE, REPORT,	OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
	ACIDIZE	ALTER CASING	CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME	
Approximate date work will start.	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE	
SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN ☐	FRACTURE TREAT	☐ NEW CONSTRUCTION	
2/18/2010	☐ OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK	
SPUD REPORT	☐ PRODUCTION START OR RESUME ☐	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION	
Date of Spud:	☐ REPERFORATE CURRENT FORMATION ☐	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON	
_	☐ TUBING REPAIR ☐	VENT OR FLARE	☐ WATER DISPOSAL	
DRILLING REPORT Report Date:	☐ WATER SHUTOFF ☐	SI TA STATUS EXTENSION	APD EXTENSION	
	☐ WILDCAT WELL DETERMINATION ✓	OTHER	OTHER: ACID TREATMENT	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  XTO Energy Inc. has performed an acid treatment on this well: 2/18/2010:  MIRU frac tech. Pmp 500 gal Acetic acid followed by 20 BBL wt. RDMO frac Accepted by the tec. Left well shut in for 4'. RWTP. Begin well tst data.  Utah Division of Oil, Gas and Mining FOR RECORD ONLY  FOR RECORD ONLY				
NAME (PLEASE PRINT) Barbara Nicol	<b>PHONE NUMBER</b> 505 333-3642	TITLE Regulatory Compliance Tech		
SIGNATURE	222 230 33.2	DATE		
N/A		2/24/2010		

Sundry Number: 31344 API Well Number: 43015307290000

STATE OF UTAH  DEPARTMENT OF NATURAL RESOURCES  DIVISION OF OIL, GAS, AND MINING		FORM 9		
		5.LEASE DESIGNATION AND SERIAL NUMBER: FEE		
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7.UNIT or CA AGREEMENT NAME: HUNTINGTON CBM		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: UP and L 16-7-36-24D	
2. NAME OF OPERATOR: XTO ENERGY INC			9. API NUMBER: 43015307290000	
3. ADDRESS OF OPERATOR: PO Box 6501, Englewood,		HONE NUMBER: 7 Ext	9. FIELD and POOL or WILDCAT: BUZZARD BENCH	
4. LOCATION OF WELL FOOTAGES AT SURFACE:		COUNTY: EMERY		
1258 FSL 2390 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 36 Township: 16.0S Range: 07.0E Meridian: S			STATE: UTAH	
11. CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION			
	✓ ACIDIZE	ALTER CASING	CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME	
A A A A A A A A A A A A A A A A A A A	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION	
10/25/2012	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK	
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION	
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON	
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL	
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION	
	WILDCAT WELL DETERMINATION	OTHER	OTHER:	
12 DESCRIPE PROPOSED OR				
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  XTO Energy Inc. has performed an acid treatment on this well per the following: 10/22/2012: MIRU. 10/23/2012: TOH w/rods, ND WH, NU BOP. TOH w/tbg. PU 4-3/4" tri cone bit & scraper. TIH w/BHA & 120 jts tbg. Tag sc. EOT @ 3,965'. MIRU pmp trk. Pmp 200 gal of 15% HCL down csg flushed w/24 BFW. Pmp 270 gal of 15% HCL down csg flushed w/20 BFW. RDMO pmp trk. 10/24/2012: TOH w/tbg. LD 4-3/4" tri cone bit & scraper. PU OEMA & SN. TIH w/BHA, 5-1/2" TAC, & tbg. Banding 1/4" x 60' capillary strg to tbg w/2 bands per jt. ND BOP. NU WH. Left csg opn to sales. 10/25/2012: PU & load 2-1/2" x 1-1/2"" x 20' RHAC pmp (XTO #018) w/1" x 1' stnr nip. TIH w/pmp, shear tl, rods, & PR. Seat pmp. LS pmp w/rig to 500 psig. GPA. RIsd press. HWO. RWTP ppg @ 1:30 p.m., ppg @ 4 x 168" SPM. RDMO.				
Barbara Nicol	303-397-3736	Regulatory Compliance Tec	ch	
SIGNATURE N/A		<b>DATE</b> 10/26/2012		

Sundry Number: 52603 API Well Number: 43015307290000

STATE OF UTAH		FORM 9		
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		5.LEASE DESIGNATION AND SERIAL NUMBER: FEE		
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7.UNIT or CA AGREEMENT NAME: HUNTINGTON CBM		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: UP and L 16-7-36-24D	
2. NAME OF OPERATOR: XTO ENERGY INC			9. API NUMBER: 43015307290000	
3. ADDRESS OF OPERATOR: PO Box 6501 , Englewood,	CO, 80155 303 397-3	PHONE NUMBER: 3727 Ext	9. FIELD and POOL or WILDCAT: BUZZARD BENCH	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1258 FSL 2390 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 36 Township: 16.0S Range: 07.0E Meridian: S			COUNTY: EMERY	
			STATE: UTAH	
11. CHECI	K APPROPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION			
	✓ ACIDIZE	ALTER CASING	CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME	
Approximate date from this class.	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION	
5/19/2014	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK	
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION	
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON	
DRILLING REPORT Report Date:	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL	
	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION	
Report Date.	WILDCAT WELL DETERMINATION	OTHER	OTHER:	
			<u>'</u>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  XTO Energy Inc. performed an acid treatment on this well per the following: 5/19/2014: MIRU acid crew. SD PU & SI wellI @ 8:30 a.m PT surf lines 2000 psig gd test. Pmp 5 bbls TFW. Pmp 750 gl HCL 15% @ 5 BPM down TCA 75 psi max presser flshd w/80 bbl TFW. ISIP 0. RDMO acid crew. Left well SI for 2 hrs. RWTP @ 11:30 a.m. ppg @ 168" x 4.5  SPM.				
NAME (PLEASE PRINT) Barbara Nicol	<b>PHONE NUMB</b> 303-397-3736	ER TITLE Regulatory Analyst		
SIGNATURE N/A		<b>DATE</b> 6/26/2014		